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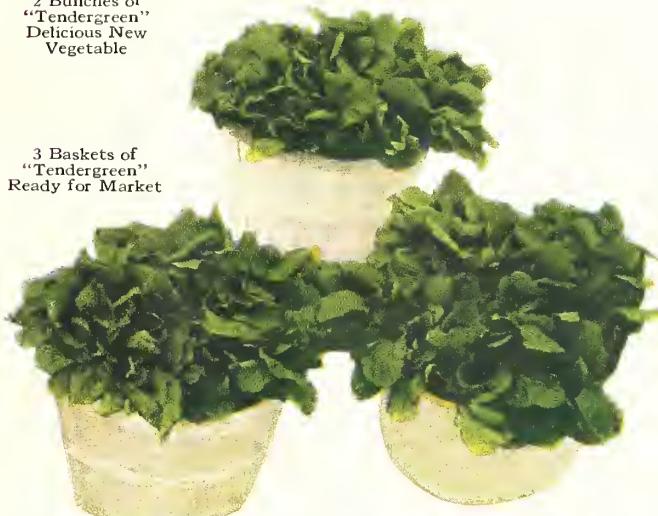
THE SEED BOOK OF THE SOUTH

for 1929

LIBRARY
RECEIVED
★ JAN 28 1929 ★
U. S. Department of Agriculture



2 Bunches of
"Tendergreen"
Delicious New
Vegetable



3 Baskets of
"Tendergreen"
Ready for Market



Field of Van Antwerp's "Tendergreen" on a Mobile County Truck Farm. The Photos on this page are actual reproductions and were taken 28 days after planting.

Van Antwerp's Seed Store
THE BEST ONLY

Van Antwerp Building

MOBILE, ALABAMA

VAN ANTWERP'S

4 Packets Beautiful Flowers FREE

New Liberal Offer for 1929

You get the complete assortment of 4 packets if your seed order amounts to 50c or over. This does not mean a collection for every 50c portion of your order —just one collection with an order.

PLEASE DO NOT ASK FOR CHANGES

③ Candytuft Mixed

Popular, small annual for general planting. It produces a profusion of flowers in clusters in white, red and purple shades. Grows from 8 to 12 inches high and is fine for edging or massing in beds.

Culture: Sow the seed about $\frac{1}{4}$ inch deep from February to May in the open ground and thin out or transplant to 8 inches apart. Blooms in about 6 weeks.



③



④

② Double "Featherball" Mixed Poppies

These double-fringed annual Poppies are very beautiful: with gracefully fringed-edge petals like big balls of slashed tissue paper or feathers. Sow the seed where the plants are to remain as they will not stand transplanting.



①

① California Poppies or Golden Cups

Seed may be sown at any time during the spring, the earlier the better where they are to remain as they do not stand transplanting. They will grow nicely and bloom profusely over a long season in any sunny position. As a subject for beds of any size or as a border, their finely cut, blue-green foliage, and glossy flowers of satin-like texture, make them one of the most desirable annuals. As cut flowers they are very artistic.

**Order Today
and get these
beautiful flowers**

With Every Order
of 50c or More

4 Packets Free

You will be delighted with this beautiful 1929 VAN ANTWERP assortment of choice flower seeds which we send you absolutely FREE of charge with every order of 50c or over. The lovely 1929 collection contains one regular 10c packet each of the four pretty flowers as shown in natural colors on this page.

1 Pkt. California Poppies.

1 Pkt. Kochia Burning Bush.

1 Pkt. Candytuft Mixed.

1 Pkt. Featherball Poppies.

Planting Instructions will be Found on the Back of Each Packet

REMEMBER, THESE ARE FREE



YOU CAN ALSO HAVE A PRETTY ROW OF THESE KOCHIAS OR BURNING BUSHES IN THE FRONT OF YOUR HOME

① Kochia or Burning Bush—(Summer Cypress). A very ornamental plant of graceful habit, with finely cut green foliage which changes to a rich russet-crimson in the autumn. It forms a neat little bush somewhat resembling a small Cypress tree, and is especially valuable where it is desired to produce formal regular effects, as it retains its shape when most other garden vegetation is destroyed by frost.

Culture: Sow seed thinly about $\frac{1}{4}$ inch deep from February to April in open ground.

Join Our Big \$200⁰⁰ Prize Contests

SEE
PAGE 5

Form No. 6001

POST OFFICE DEPARTMENT
THIRD ASSISTANT POSTMASTER GENERAL
DIVISION OF MONEY ORDERS

No. _____

Stamp of Issuing Office

The Postmaster
will insert

here _____
the office drawn on, when the office named by
the remitter in the body of this application is not a Money Order Office.

Spaces above this line are for the Postmaster's record, to be filled in by him

Application for Domestic Money Order

Spaces below to be filled in by purchaser, or, if necessary,
by another person for him

Amount

Dollars _____ Cents _____

Pay to } **VAN ANTWERP'S SEED STORE**
Order of }
(Name of person or firm for whom order is intended)

Whose } **Van Antwerp Building** _____ Street
Address } is No. _____
is _____ Street

Post } **MOBILE,**
Office }

ALABAMA

State _____

Sent by _____
(Name of sender)

Address }
of }
sender } No. _____ Street
_____ Street

PURCHASER MUST SEND ORDER AND COUPON TO PAYEE
e5-7155

Fees for Money Orders Drawn on Domestic Form

Payable in the United States, including Hawaii, Porto Rico, and the United States Virgin Islands, or in Guam and Tutuila (Samoa); also for orders payable in Antigua, Bahamas, Barbados, Bermuda, British Guiana, British Honduras, British Virgin Islands, Canada, Canal Zone, Cuba, Dominica, Grenada, Jamaica, Martinique, Montserrat, Nevis, Newfoundland, Philippine Islands, St. Kitts, St. Lucia, St. Vincent, and Trinidad and Tobago.

For Orders	From	\$0.01 to	\$2.50	5 cents.
	From	\$2.51 to	\$5.00	7 cents.
	From	\$5.01 to	\$10.00	10 cents.
	From	\$10.01 to	\$20.00	12 cents.
	From	\$20.01 to	\$40.00	15 cents.
	From	\$40.01 to	\$60.00	18 cents.
	From	\$60.01 to	\$80.00	20 cents.
	From	\$80.01 to	\$100.00	22 cents.

Memoranda of Issuing Postmaster:

If order is purchased through Rural Carrier, he will fill spaces below:

Carrier's receipt No. _____

-, Carrier.

NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office on any one day.

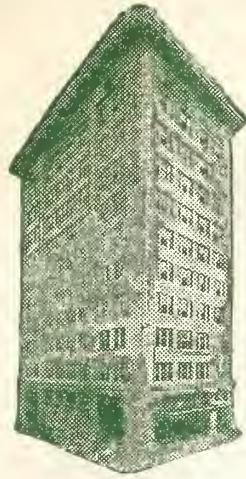
Applications must be preserved at the office of issue for three years from date of issue.

c5-7155 (EDITION FEBRUARY, 1927) GOVERNMENT PRINTING OFFICE

Field and Farm Seeds

Green Ink Price List No. 1

Issued by Van Antwerp's Seed Store
Mobile, Alabama



Erected 1907

**VAN ANTWERP
BUILDING**

Where Your Seed Orders Are Filled

THIS GREEN INK PRICE LIST APPLIES TO SEEDS DESCRIBED IN VAN ANTWERP'S 1929 SEED CATALOG

TERMS: Cash with order but if you do not desire to remit in full at time of ordering, we will, if your order is accompanied by remittance of one-fourth of the amount of your order, make shipment, sending C. O. D. for balance due us. All prices quoted in this Green List are F. O. B. Mobile, Ala., and subject to change without notice. At the prices quoted, we make no extra charge for Bags, Boxes, Packing or Drayage. For prices on seeds in smaller lots than quoted in this list, please refer to our Big Annual Seed Catalog. Order by mail. Purchaser pays postage, express or freight at these prices.

NOTE: REFER TO GREEN INK PRICE LIST No. 1 WHEN YOU SEND IN YOUR ORDER

SELECTED SEED CORN

	Peck	Bushel	2 bu., per bu.
Vadco Truckers' Favorite.....	14 lbs.	56 lbs.	\$3.75
Paymaster (Red Cob).....	1.00	3.25	3.00
Early White Dent.....	1.00	3.25	3.00
Surecropper	1.00	3.50	3.25
Golden Yellow Dent.....	1.00	3.25	3.00
Hasting's Prolific	1.00	3.25	3.00
Hickory King	1.00	3.25	3.00
Snowflake	1.00	3.75	3.50
Mammoth White June.....	1.00	3.50	3.25
Mexican June	1.00	3.25	3.00
Iowa Gold Mine.....	.80	3.25	3.00
Iowa Silver Mine.....	.80	3.25	3.00
Eureka Ensilage	1.25	4.00	3.75
Mosby's Prolific	1.00	3.25	3.00
Early Leaming	1.00	3.25	3.00

VAN ANTWERP'S COTTON SEED

	Peck	Bushel	2 bu., per bu.
Wannamaker Cleveland	7 1/2 lbs.	30 lbs.	\$2.25
Delfos 6102 .....	.75	2.50	2.25
Simpkin's Prolific .....	.75	2.50	2.25
Improved Early King.....	.75	2.50	2.25
Bank Account .....	.75	2.50	2.25
Half and Half.....	.85	2.75	2.50

SEED COW PEAS AND CROWDER PEAS

Crop Short—Prices Subject to Change—Write for Prices

	Peck	Bushel	2 bu., per bu.
Brabham	15 lbs.	60 lbs.	\$5.50
Iron .....	...	...	...
Clay	1.50	4.75	4.50
Whippoorwills	1.50	5.50	5.00
Gallavant or Lady.....	2.25	8.00	7.50
Large Black Eye.....	1.75	6.50	6.00
Mixed Cow Peas.....	1.50	5.00	4.50
Cream Sugar Crowder.....	2.00	7.50	7.00
White Sugar Crowder.....	2.00	7.50	7.00
Yellow Sugar Crowder.....	2.00	7.50	7.00

RECLEANED VELVET BEANS, New Crop

		\$2.50	\$2.25
Early Speckled, 90 day.....	\$0.80		
Osceola .....	.90	2.85	2.75
Bush Velvet Beans.....	1.25	4.25	4.00

SOY BEANS FOR SEED

		\$3.25	\$3.00
Mammoth Yellow	\$0.90		
Eloxi	1.50	5.00	4.75*
Oootan	2.00	7.50	7.00
Laredo	1.90	7.00	6.50

SORGHUM OR CANE SEED

	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Early Amber	\$0.75	\$1.40	\$2.50	\$4.50
Early Orange .....	.75	1.40	2.50	4.50
Red Top or Sumac.....	.75	1.40	2.50	4.50
Texas Seed Ribbon Cane..	.90	1.75	3.00	5.50
Japanese Cane .....	.90	1.75	3.00	5.50

KAFFIR CORN, MILO MAIZE, FETERITA, SHALLOU, Etc.

	10 lbs.	25 lbs.	50 lbs.	100 lbs.
White Kaffir Corn.....	\$0.65	\$1.40	\$2.50	\$4.50
Red Kaffir Corn.....	.65	1.40	2.50	4.50
Shallou (Egyptian Wheat) .....	.90	2.00	3.75	7.00
Feterita .....	.75	1.50	2.75	5.00
Dwarf Milo Maize.....	.75	1.50	2.50	4.75

SEED PEANUTS

	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Valencia	\$1.40	\$3.25	\$6.25	\$12.00
Tennessee Red	1.40	3.25	6.25	12.00
Spanish	1.25	2.75	5.25	10.00
N. C. Running.....	1.25	2.75	5.25	10.00

CHUFAS (Earth Almonds)

	Peck	Bushel	5 bu.. per bu.
Chufas	11 lbs.	44 lbs.	\$5.25

RECLEANED MILLET FOR PLANTING

	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Tennessee Golden	\$1.10	\$2.00	\$3.50	\$6.00
Pearl or Cat Tail.....	1.25	2.75	5.25	10.00

GRASS SEEDS FOR FARMS AND LAWNS

	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Bermuda Grass	\$4.50	\$10.00	\$18.50	\$35.00
Carpet Grass	3.75	8.00	15.00	28.50
Sudan Grass	1.00	2.00	3.50	6.50
Johnson Grass	1.75	3.50	6.50	12.00
Fancy Red Top.....	2.75	5.50	10.00	18.50
Kentucky Blue	4.00	9.50	18.00	35.00
Orchard Grass	3.00	7.00	13.00	25.00
English Rye Grass.....	2.00	4.50	8.00	15.00
Italian Rye Grass.....	1.85	4.00	7.50	14.00
Van Antw. Winter Lawn..	2.75	6.75	13.00	25.00
Van Antw. Summer Lawn.	6.00	11.00	21.00	40.00

CLOVER SEED RECLEANED

		\$7.00	\$13.00	\$25.00
Lespedeza or Japan Clover	\$3.00			
Medium Red Clover.....	4.50	11.00	21.00	40.00
Alfalfa (Southwestern for Southern Planting)....	3.50	8.50	16.00	30.00
Alsike Clover	4.50	11.00	21.00	40.00
White Blossom Sweet....	1.50	3.25	6.00	11.00
Yellow Blossom Sweet....	1.35	3.00	5.50	10.00
Bur Clover (in the bur)....	2.25	5.00	9.00	17.00
Bur Clover (hulled).....	1.75	3.75	7.00	13.00
Crimson Clover	2.00	4.50	8.50	16.00
White Dutch Clover.....	4.50	11.00	21.00	40.00

RECLEANED ONION SETS

	Peck	Bushel	5 bu.. per bu.
White Onion Sets.....	8 lbs.	32 lbs.	\$4.25
Red Onion Sets.....	1.15	3.75	3.50
Yellow Onion Sets.....	1.15	3.75	3.50

MISCELLANEOUS FARM SEEDS

	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Mung Beans	\$2.50	\$6.00	\$11.00	\$20.00
Russian Sunflower	1.40	3.00	5.50	10.00
Beggar Weed	7.00	16.00	31.00	60.00
Seed Rice	1.40	3.25	6.00	11.50
Japanese Buckwheat.....	1.00	2.00	3.50	6.50
Dwarf Essex Rape.....	1.50	3.50	6.00	11.00
Hairy Vetch Imported....	1.75	3.75	7.00	13.00
Jerusalem Artichokes	1.75	3.00	5.50	10.00

Van Antwerp's Seed Store 50 Years The Standard **Mobile, Ala.**

SPECIAL NOTICE

10% EXTRA VALUE GIVEN IF YOU ORDER EARLY

During the spring months we get thousands of seed orders by mail. Our rush season is from February 15th till the end of April.

Naturally, we would like to have some of these orders come in earlier, when we can give more particular attention to each individual order. It is worth our while to give 10% extra value to any of our customers who order early.

FOR 6 WEEKS ONLY

With each dollar's worth of seeds ordered between January 1 and February 12, 1929, we will include, absolutely free, an extra 10c packet of vegetable or flower seeds, your own selection.

If you send us your order before February 12, 1929 and it amounts to one dollar, you may select in addition one regular 10c packet of seeds FREE. If your order amounts to two dollars, you select two packets free, and so on.

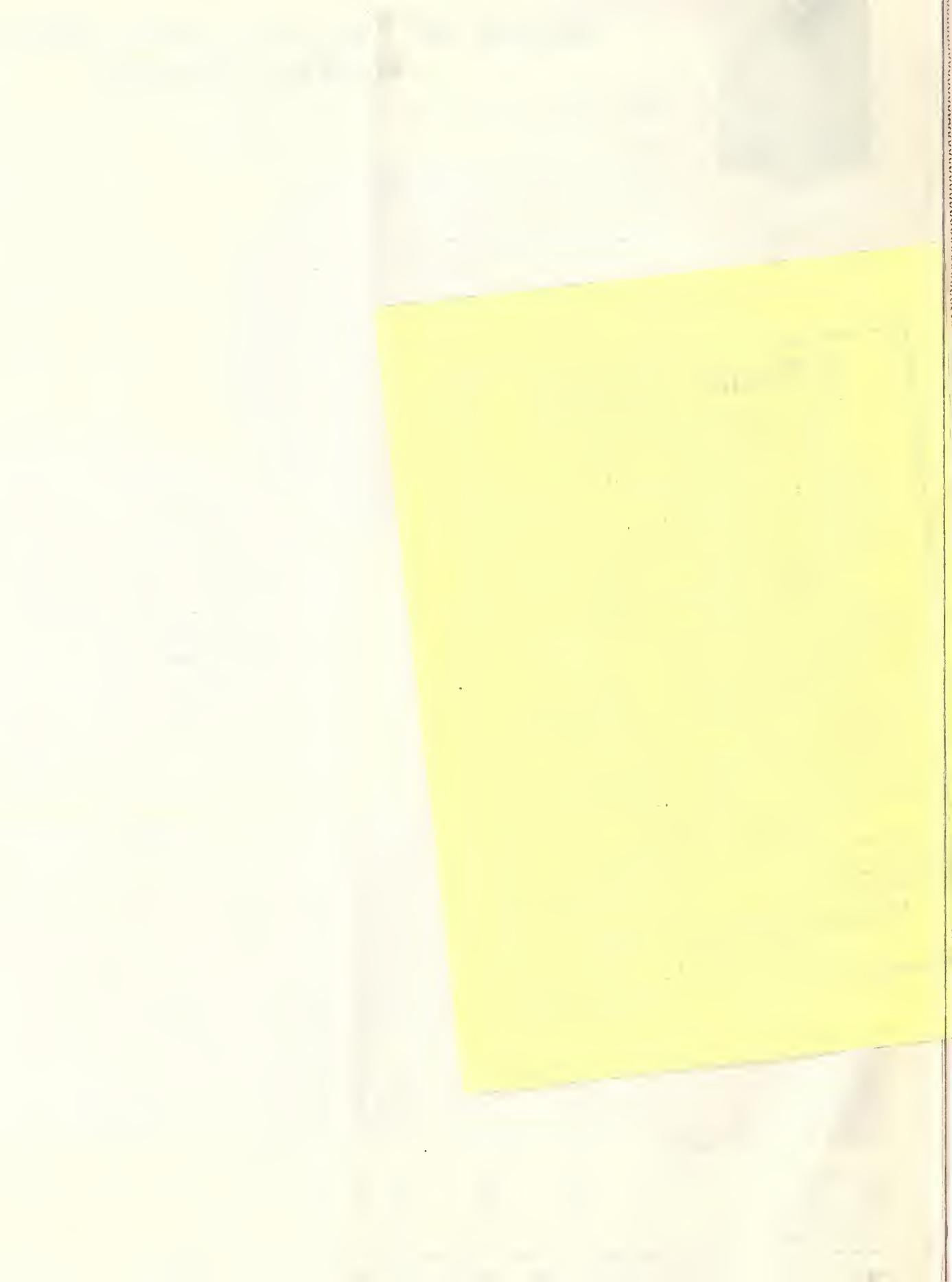
This offer applies only to retail mail orders sent us, with remittance for Vegetable seeds, Flower seeds or Bulbs. We cannot give any extra value on orders for Field seeds, Potatoes, Fertilizer, Implements, Poultry Feeds and Supplies.

ORDER TODAY

Take advantage of this liberal offer and send us your order today. Remember you also get the 4 packets of free Flower Seeds with an order of 50c or over. See inside front cover.

VAN ANTWERP'S SEED STORE

Mobile, Alabama



Please do not write in above space.



Erected 1907
VAN ANTWERP BUILDING
Where Your Seed Orders
Are Filled

Order No.

Filled by

Checked by

Please do not write in above spaces

If goods are wanted C. O. D. 25 per cent. of amount must accompany the order.

No plants shipped C. O. D.

SEED ORDER BLANK FOR 1929

Van Antwerp's Seed Store

THE BEST ONLY

MOBILE, ALABAMA

NOTICE—BE SURE TO FILL OUT THESE BLANKS PLAINLY. The more careful you are in filling out the following blanks plainly and correctly, the more certain you are of receiving your order promptly and satisfactorily.

BE SURE TO FILL OUT THESE BLANKS PLAINLY. The more careful you are in filling out the following blanks plainly and correctly, the more certain you are of receiving your order promptly and satisfactorily.

**Gentlemen:—I am enclosing.....for the following
seeds to be sent by.....**
(State here if wanted by Mail, Express or Freight.)

(State here if wanted by Mail, Express or Freight.)

Name.....

(If Mrs. kindly use husband's initials or give name, as Mrs. John W. Jones.)

P. O.

R. F. D. No. Box No. State.

Express or Freight Office.....

Express or Freight Office.

SEEDS POSTPAID BY PARCEL POST—Please bear in mind that the prices given in our catalog include delivery on all seeds by packet ounce, quarter pound, pounds, two pound, and 5 pound lots, unless otherwise specified, to all post offices within the boundaries of the United States.

Send us the amount named in our catalog, and we guarantee safe delivery by postpaid parcel post in these quantities. **This does not include pecks and bushels.**

Amount carried forward

TOTAL

FREE 4 PACKETS BEAUTIFUL FLOWER SEEDS
With Every Order for 50c or Over **FREE**
Inside Front Cover of Our Catalog Tells You How to Get Them

Have You Ordered Everything You Want?

Total

YOUR SAVING IS IN VAN ANTWERP'S PROFIT-SHARING CERTIFICATES

See Page 3 for Complete Information About These Certificates

We are anxious to obtain the names and correct postoffice addresses of a number of your friends and acquaintances who are farmers and gardeners who you think would be interested in receiving our Catalog. We are extremely anxious that this list be made absolutely correct so far as postoffice, name and rural route is concerned, and in order that you may use care in compiling same we will give you FREE an assortment of FOUR of our choice VEGETABLE SEEDS, our selection for garden use, if you will fill out the blank below and send it with an order for Seed or other articles selected from our Catalog.

To Van Antwerp's Seed Store—The above list of names is correct.

Please sign your name and address here:.....

In accordance with the universal custom of the Seed Trade, Van Antwerp's Seed Store gives no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds, Bulbs or Plants it sells and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

NOTE. OUR VALUABLE GARDEN GUIDE GOES FREE WITH EVERY ORDER FOR ONE DOLLAR OR OVER. REMEMBER YOU MUST ASK FOR IT.



This Is Where We First Sold Seeds Over 50 Years Ago

Your Money's Worth

When you order from a mail order house or buy at a local store you expect full value for your money.

During the fifty years that Van Antwerp's Seed Store has uninterruptedly served the South it has always been our policy to give full value for every dollar sent us.

Each year we have strived to give greater value and the beginning of the 1929 planting season ushers in the "Dawn of a New Era in Value and Service"—the greatest seed values ever offered the planters of America are contained in this seed catalog.

These real values are made possible by the magnitude of the Van Antwerp business and this you can fully realize from the fact that our mail order department is equipped to fill over 3,000 orders a day.

Every one of our customers, old and new ones, should take full advantage of the many liberal offers contained in this catalog, and we say without fear of contradiction that no other seed house offers the planters of the south as great values.

Page three explains our Profit-sharing Certificates and on page six you will find illustrated and described a number of both useful and valuable Premiums. On the inside front cover of this book illustrated in natural colors you will find four beautiful flowers which are included free of charge with every order amounting to fifty cents or over.

Our photo and letter cash prize contests are very popular and every year we receive hundreds of photos showing the splendid results our customers are having with VAN ANTWERP'S SEEDS. Be sure to join one of these contests this year.

Before ordering seeds for 1929 look over this book and remember when placing your order that you can order from the great seed firm of Van Antwerp with every confidence of receiving strictly fresh, new crop seeds, true to name, and of high germination.

Van Antwerp's Seeds have stood the test of time and are recognized as the nation's best—the standard by which others are judged.

A Word of Thanks

We thank our old customers who have ordered from us for many years and want to assure them and our new customers of a better service and greater values for 1929. May we have the pleasure of receiving your 1929 seed order?

Van Antwerp's Guarantee

We guarantee the germination and purity of all the Vegetable Seeds, Flower Seeds or Bulbs we sell and should they fail to grow, if promptly and properly tested by customers, we will replace the same or give full value in other seeds. As we cannot personally direct the planting of all the seeds we sell, or control anywhere or at any time the natural laws affecting the germination or growth of seeds, it is therefore agreed that in no case shall Van Antwerp's Seed Store be liable for more than the amount actually paid for the seeds or bulbs.

Van Antwerp's Seed Store

The South's Standard for Over 50 Years

1st Prize Letter in Last Year's Contest

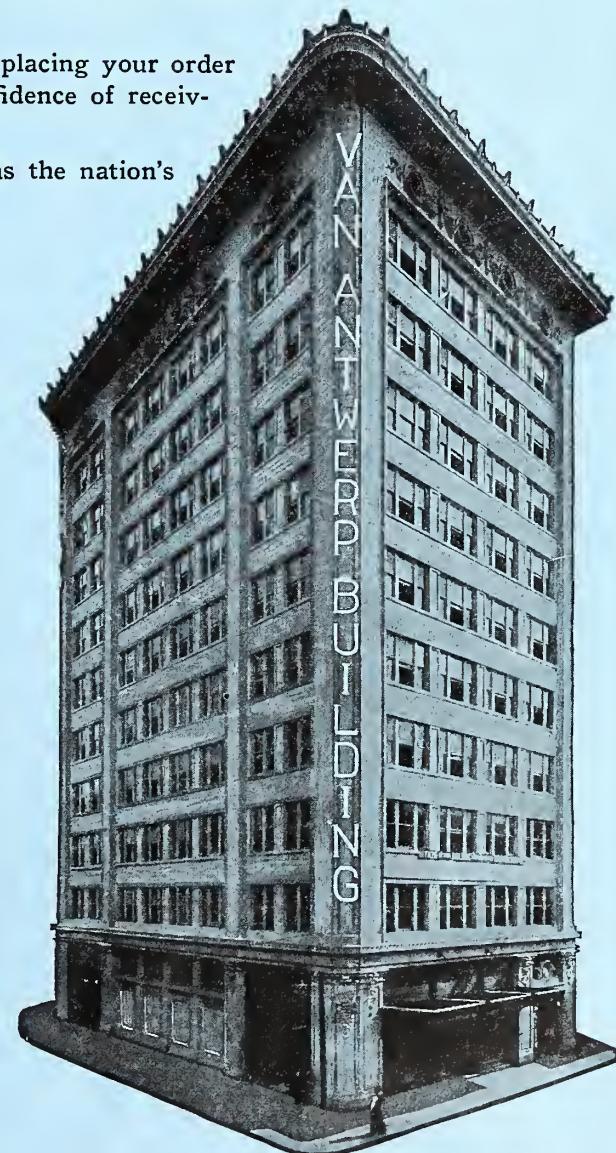
This year, as in years gone by, we planted Van Antwerp's Tested flower and vegetable seeds and with the same wonderful success. It seems that the use of Van Antwerp's seeds, bulbs, and plants is a tradition, being handed down to us by our fathers and grandfathers. They were users of Van Antwerp's tested seeds for fifty years and as they were successful market gardeners, the credit is due to the wonderful seeds, which always turn out as represented.

In our experience, as with the other gardeners, your tested seeds have proved to be "The Best Only" first, last and always.

MRS. LELIA P. McDONALD, Route No. 1, Mobile, Ala.

COMPLETE INDEX—SEE PAGE 64

This complete Catalog—Copyrighted, January, 1929, by Van Antwerp's Seed Store, Mobile, Ala.



This Is the Home of
The South's Leading Seedsmen
For 1929

ORDER TODAY BY MAIL RECEIVE TOMORROW BY MAIL



Van Antwerp's Seeds
Are as Near to You as Your Nearest Mail Box

Parcel Post Rates

DOMESTIC POSTAL RATES		First U. S. and Possessions	Each Additional Pound
On Seeds, Plants, Bulbs, Roots, etc., within the U. S. and Possessions		First U. S. and Possessions	Each Additional Pound
First Zone, Mobile and within 50 miles of Mobile	7c	1c	
Second Zone, within 50 to 150 miles of Mobile	7c	1c	
Third Zone, within 150 to 300 miles of Mobile	8c	2c	
Fourth Zone, within 300 to 600 miles of Mobile	8c	4c	
Fifth Zone, within 600 to 1000 miles of Mobile	9c	6c	
Sixth Zone, within 1000 to 1400 miles of Mobile	10c	8c	
Seventh Zone, within 1400 to 1800 miles of Mobile	12c	10c	
Eighth Zone, all over 1800 miles of Mobile	13c	12c	

How to Order

WE PAY POSTAGE—On all seeds offered in this catalog by the packet, ounce, quarter pound, pound, two-pound and five-pound quantities, we pay the postage and guarantee safe delivery to your home. Order your seeds by number.

YOU PAY POSTAGE—On all seeds you order in lots over five pounds you pay the postage or express and you also pay the postage or express on quantity lots of Bulbs and Plants. On Field Seeds, Poultry Supplies, Implements, Insecticides and Fertilizers, large or small quantities, you pay postage, express or freight, except otherwise specified.

CASH WITH ORDER—Customers will please remit when ordering. If goods are wanted C. O. D., 25 per cent, or one-fourth of the amount, must accompany the order. No plants shipped C. O. D.

HOW TO SEND MONEY—Remittances should be made by post office money orders, express money orders, drafts or checks. Where it is not possible to obtain these, the letter should be registered. In all cases where the order for seed amounts to one dollar or more, the cost of post office or express money order, or cost of registering the letters from places that are not money order offices, may be deducted from the amount of the order.

STAMPS—We will accept stamps in good condition (one and two-cent stamps preferred) the same as cash, but we ask those remitting stamps to wrap them in oiled paper, if possible, to prevent their sticking together or to the order.

PRICES SUBJECT TO CHANGE—This catalog is printed in October and November and the market on many items of garden and field seeds has not yet been established. Consequently prices on those items indicate value at the time these pages are printed. Orders will be filled, if at all possible—at prices printed in this book, but **ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE**.

SPECIAL NOTICE

All orders for plants such as Cabbage, Beets, Lettuce, Onion, Strawberry, Asparagus and Rhubarb Roots etc., are shipped from our grower's station and entirely separate from seeds and bulb orders. If you order seeds and also order plants you will receive the seeds by return mail and the plants will be forwarded to you separately within a few days, weather permitting.



ON ALL ORDERS AMOUNTING TO \$30 OR MORE

As a special inducement to Market Gardeners and Truck Farmers in the South to order all their seeds at one time, we will pay the freight on orders for Vegetable Seeds, Flower Seeds or Bulbs amounting to \$30.00 or more at these catalog prices. This special offer includes all our customers in the following states only—South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas and Tennessee. On Seed Potatoes, Field and Farm Seeds, Fertilizer, Implements, Poultry Supplies, etc. we do not pay the freight, except otherwise specified in this catalog.

Join your neighbors in a Van Antwerp Club Plan and combine your order for vegetable seeds with your neighbor's order and if the order amounts to a total of \$30.00 or over we will pay the freight to your railroad station, provided you live in any of the above mentioned states. If you combine your order with your neighbor's order we will mark each lot separately so you will have no trouble in separating the orders at your station. Van Antwerp's Seed Store is the only seed firm in the South who pay the freight and we want both our old and new customers to take full advantage of this new liberal offer made possible by the great seed house of Van Antwerp's.

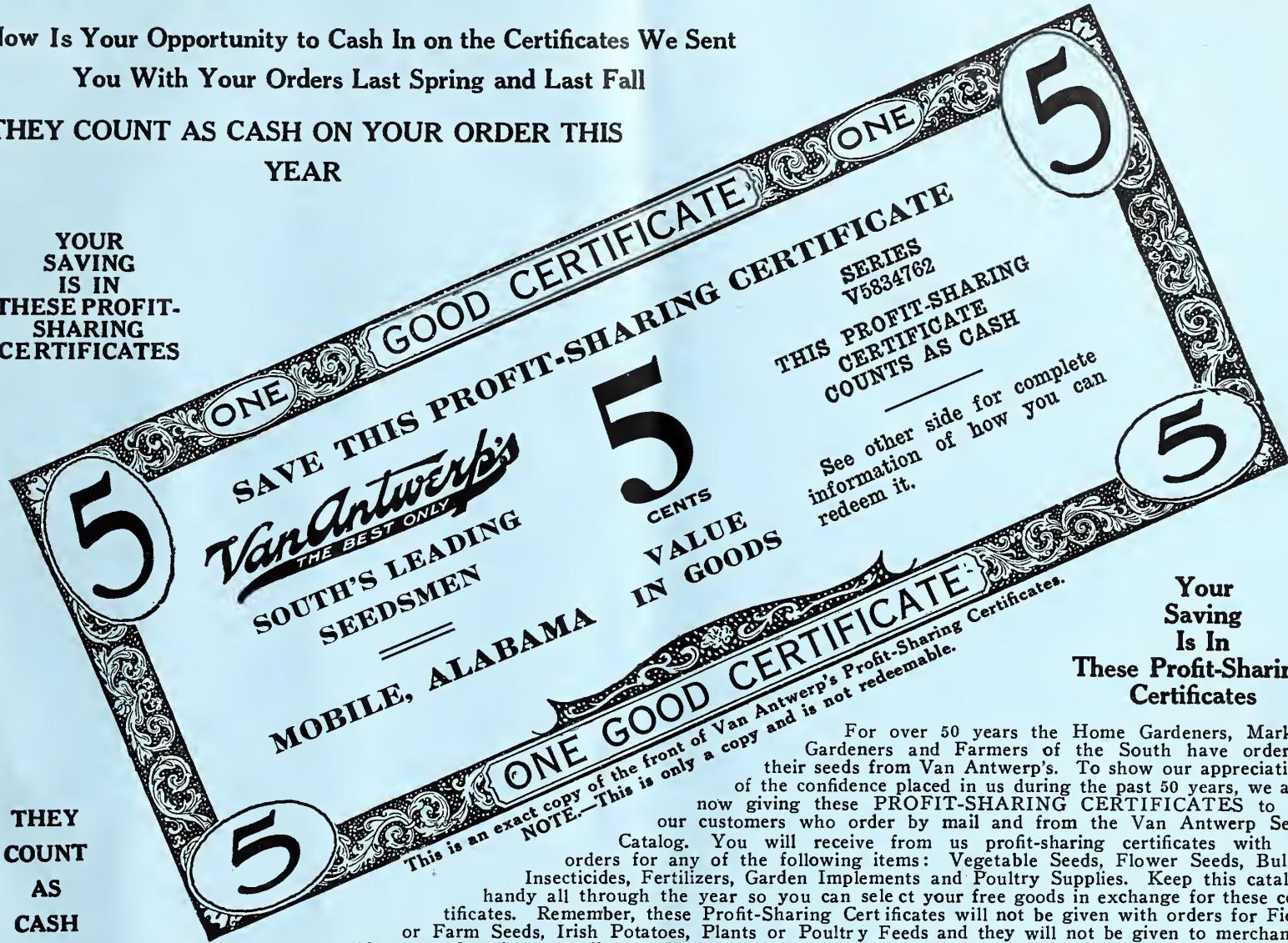
PROFIT-SHARING CERTIFICATES *FREE* WITH EVERY VAN ANTWERP ORDER *FREE*

Now Is Your Opportunity to Cash In on the Certificates We Sent

You With Your Orders Last Spring and Last Fall

THEY COUNT AS CASH ON YOUR ORDER THIS
YEAR

YOUR
SAVING
IS IN
THESE PROFIT-
SHARING
CERTIFICATES



THEY
COUNT
AS
CASH

Your
Saving
Is In
These Profit-Sharing
Certificates

For over 50 years the Home Gardeners, Market Gardeners and Farmers of the South have ordered their seeds from Van Antwerp's. To show our appreciation of the confidence placed in us during the past 50 years, we are now giving these PROFIT-SHARING CERTIFICATES to all our customers who order by mail and from the Van Antwerp Seed Catalog. You will receive from us profit-sharing certificates with all orders for any of the following items: Vegetable Seeds, Flower Seeds, Bulbs, Insecticides, Fertilizers, Garden Implements and Poultry Supplies. Keep this catalog handy all through the year so you can select your free goods in exchange for these certificates. Remember, these Profit-Sharing Certificates will not be given with orders for Field or Farm Seeds, Irish Potatoes, Plants or Poultry Feeds and they will not be given to merchants. Also remember that we will not redeem less than 10 Certificates at a time.



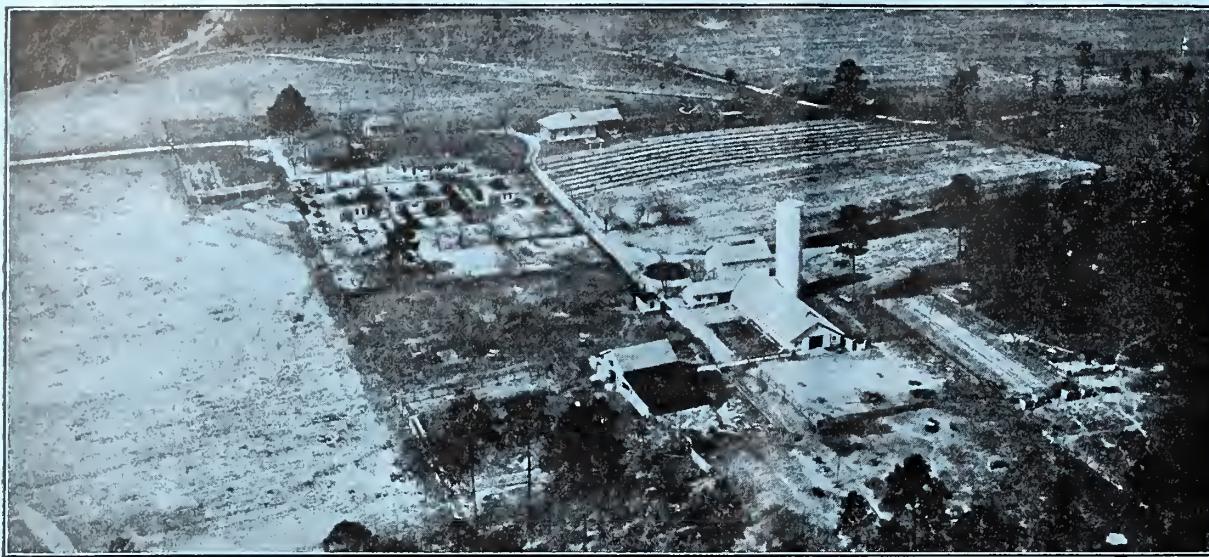
You Can Redeem This Certificate

Every one who orders from Van Antwerp's catalog by mail will receive one of these 5 cent Profit-Sharing Certificates for every fifty cent portion of their order. As an example suppose you order three dollars worth of seeds or any other goods listed in our catalog you would receive from us with your goods 6 of these Certificates free and then later on you send us another order to the value of say two dollars you would receive 4 more Certificates. This would give you ten Certificates which you could send us instead of cash for any seeds or other goods you ordered to the value of fifty cents.

You may select as premiums any of the following items—Seeds, Bulbs, Plants, Insecticides, Sprayers, Garden Hose, Fertilizers, Implements, Poultry Supplies, or anything listed in our catalog which we send you absolutely free in exchange for these Van Antwerp Profit-Sharing Certificates. Remember all the certificates you send us count as cash but we will not redeem less than ten certificates at a time. Also remember the goods must be ordered by mail and from the Van Antwerp catalog. Be sure to keep the Van Antwerp Catalog handy all through the year as you will need it to select the seeds or other goods you want which we send you free. Refer to our catalog for further information about our liberal premium system.

Van Antwerp's Seed Store :: Mobile, Alabama

This is an exact copy of the back of Van Antwerp's Profit-Sharing Certificates.
NOTE.—This is only a copy and is not redeemable.



Aeroplane View of Our Vadco Farm, Where We Test Seeds for Germination and Purity

DO YOU
KNOW
WHAT TO
PLANT
EACH
MONTH?

Van Antwerp's Monthly Planting Calendar

BE SURE TO READ THIS PAGE OVER, IT WILL HELP YOU IN PLANNING YOUR GARDEN

JANUARY

Vegetables—During this month you can plant Beets, Carrots, Collards, Endive, Asparagus, Mustard, Spinach, Leek, Turnip, Rutabagas, Parsnips, Radish, Cress, Chervil, Parsley, Celery for cutting, Peas for general crop. Sow Lettuce, Cauliflower, Egg Plant, Pepper, Cabbage and Tomatoes in hotbeds. Sow Herbs of all kinds, Onion Sets and Shallots. Plant Cucumber seed in flower pots for forcing, transplant in hotbed when leaf is developed.

Flowers—In open ground plant Sweet Peas, Asters, Chrysanthemums, Columbine, Caliopsis, Candytuft, Daisies, Poppies, Phlox, Hollyhock, Larkspur, Lobelia, Mignonette, Pansy, Petunia, Pinks, Alyssum and all other annuals.

Field—Plant Rust-Proof Oats, Burt Oats, Barley, Clover and Grasses.

Orchard—Set out Grape Vines, Strawberry Plants, Deciduous Fruit and Pecan Trees, and do all pruning necessary. Spray Citrus Fruit trees with Van Antwerp's Insecticide (Schnarr's Improved), 1 to 60 for White Fly and Scale; spray Deciduous Fruit and Pecan Trees with Schnarr's, 1 to 20. Plant Citrus Trifoliata Seed.

FEBRUARY

Vegetables—All Winter vegetables can be sown this month: Spinach, Mustard, Carrots, Beets, Parsnips, Leek, Radish, Turnip, Kohl-Rabi, Lettuce, Cabbage, Onion Sets, Irish Potatoes, Asparagus and Rhubarb. All varieties of Peas; also Chervil, Parsley, Cress and Celery for seasoning. Horse Radish, Asparagus and Rhubarb roots should be set out. Weather permitting, you may plant the latter part of month: Bush Beans, Corn, also Cucumber, Squash and Melons in pots for forcing. Tomatoes, Peppermint and Egg Plants in hotbed. For stock sow Sugar Beets and Mangel-Wurzels. Sweet Potatoes should be planted in bed so as to have early slips.

Flowers—Plant same as last month: Nasturtiums, Candytuft, Verbena, Sunflower, Sensitive Plant, Sweet Peas, Phlox, Pansy, etc. Bulbs of Tuberose, Gladiolus, Dahlia, Canna, Begonia, Amaryllis and Gloriosa inside.

Field—Continue planting Burt Oats, Barley, Canada Field Peas, Johnson Grass, and all other Summer grasses and clovers. Field Corn and Vetch may be planted this month.

Orchard—Set out Grape Vine, Fruit and Ornamental Trees; spray your orchard, if need. Plant all broad-leaf evergreen trees and shrubs this month.

MARCH

Vegetables—Sow Beets, Carrots, Spinach, Parsnip, Mustard, Leek, Radish, Turnip, Kohl-Rabi, English Peas, Irish and Sweet Potatoes and Asparagus roots. Sow in hotbeds, Lettuce, Pepper, Egg Plant, Tomato, Early Cauliflower and Cabbage. During latter part of month sow Okra, Squash, Cucumber, Lima Beans, Corn.

Flowers—Sow Amaranthus, Balsam, Celosia, Cock's-comb, Candytuft, Caladium, Petunia, Portulaca, Nasturtiums, Zinnia and all Summer blooming annuals. Set out Roses, Shrubs, Tuberose, Dahlias, Caladium, Gladiolus, Canna roots. Sow Lawn Grasses.

Field—Oats and Barley can still be planted; plant Lespedeza, Melilotus and other clovers, Johnson, Bermuda, Red Top Grasses and Early Field Corn. After the middle of month, sow Sorghums, Kaffir Corn, Milo Maize, Soja Beans, Peanuts, Millet, Essex Rape and Teosinte.

Orchard—Spray Citrus fruits for Scab and Melanose with Bordeaux Mixture or Vadco Ammoniacal Copper Carbonate; spray Peaches with Corona Arsenate of Lead and self-boiled Lime-Sulphur wash. Write our Department of Entomology for all information that you wish. Plant evergreen trees and shrubs this month.

APRIL

Vegetables—Plant all varieties, Bush, Pole, Butter and Lima Beans, Peas, Squash, Cucumber, Okra, Cantaloupe, Watermelon, Corn, Lettuce, Endive, Tomato, Radish, Pepper, Herbs, Egg Plant, Mustard, Turnip, Beets, Carrots and Parsley, also Celery for cutting. Plant Cushaw Pumpkins.

Flowers—Plant Zinnia, Balsam, Princess Feathers and all other Summer blooming annuals. Set out Chrysanthemums, Pansy, Salvia, Coleus plants and all other Summer bloomers; Tuberose, Dahlias, Gladiolus, Canna and all other Summer blooming roots.

Field—Sow Pearl and German Millets, Sorghums, Peanuts, Kaffir Corn, Chufas, Teosinte, Soja, Velvet and Lyon Beans, Cotton, Corn, Beggar Weed, Cowpeas, Clovers, Essex Rape and Sweet Potato plants.

Orchard—Spray Citrus fruit with Van Antwerp's Insecticide (Schnarr's Improved), 1 to 80 for White Fly and Scale Insects. Make another application of fungicide for Scab and Melanose. Make second application of Arsenate of Lead for Peach and Plum Worms. Keep trees clean of weeds and grass.

MAY

Vegetables—Pumpkins, Cucumber, Melons, Squash, late varieties of Corn and Irish Potatoes and all vegetable seed suggested for April.

Flowers—Plant all annuals, as directed, during April.

Field—Sow Cowpeas, Peanuts, Sorghum, Soja, Velvet and Lyon Beans, Beggar Weed, Chufas, Teosinte, Pearl and German Millet, Cotton, Sweet Potato plants, Lespedeza, Melilotus and Japan Clover, late Field Corn, Bermuda, Johnson and other grasses.

Orchard—Keep ground clean around trees. Spray Citrus fruit with Corona Arsenate of Lead for Orange Dog. If necessary make another application of fungicide for Scab and Melanose. If brown or soft Scab is present, spray with Van Antwerp's Insecticide (Schnarr's Improved), 1 part to 80 parts of water, to which has been added Whale Oil Soap.

JUNE

Vegetables—Sowing during this month is similar to the preceding. Tomato, Collards and Cabbage for late crops; Corn, Pole, Bush and Lima Beans, Squash, Cucumber, Radish, Turnip, Mustard, etc.

Flowers—Follow directions as given in April and May.

Field—Mammoth White June and Mexican June Corn for dry Summer crops. Cowpeas, Soja, Velvet and Lyon Beans, Sorghum, Kaffir Corn, Millet, Teosinte, Sweet Potato plants, etc.

Orchard—Keep litter and weeds out of orchard. Cultivate shallow. Do not fertilize your Citrus tree after the middle of this month. Spray Citrus fruit with Van Antwerp's Insecticide (Schnarr's Improved), 1 part to 80 parts water, for White Fly and Scale insects.

JULY

Vegetables—This is one of the best months to sow Rutabaga and Red Top Turnip, Late Potatoes and Tomatoes for late crops; for succession plant Summer varieties of Radish, Lettuce, Cucumber, Bush and Pole Beans, Collards and Mustard. Garden Corn highly fertilized will make late roasting ears. Cabbage plants raised this month and set out in September are almost sure to head. Sow Louisville, Gulf City, Drumhead Cabbage.

Flowers—You may plant Zinnias, Balsams and Cosmos. Field—Mammoth White June and Mexican June Corn, Cowpeas, Velvet, Soja and Lyon Beans, Peanuts, Sorghums, Millets and Chufas may be sown yet.

Orchard—Spray Citrus fruit with Bordeaux Mixture or Ammoniacal Copper Carbonate for Scab and Melanose. Watch for Brown Scale and spray, if necessary, with Van Antwerp's Insecticide (Schnarr's Improved); keep trees cultivated shallow.

AUGUST

Vegetables—The best month to plant Turnip and Ruta-

baga for roots. Sow Beets, Bush and Pole Beans, Cabbage, Carrots, Celery, Chervil, Cauliflower, Endive, Kale, Kohl-Rabi, Radish, Lettuce, Mustard, Parsley, Peas and Shallots. We recommend Snowflake Cauliflower as a sure header. Celery sown this month for blanching.

Flowers—A late planting of Dwarf Nasturtiums may be made. Pansy seed planted this month make large flowers. Sow Balsam, Old Maid, Zinnia and all annuals planted in Spring time for Fall blooming.

Field—You may sow Rye, Barley, Essex Rape, Crimson and Burr Clover.

Orchard—Make last shallow cultivation early part of month of Citrus Trees; spray for Brown Scale, Rust Mites and Red Spider if necessary.

SEPTEMBER

Vegetables—Sow nearly all seed recommended for last month. This is the proper month to begin sowing Onion seed of all kind. Latter part of month you may plant English Peas.

Flowers—Sow Aster, Carnation, Calendula, Candytuft, Daisy, Pansy, Petunia, Phlox, Poppy, Sweet Alyssum Stocks, Sweet Pea seed, Freesia, Narcissus, Hyacinth and Lily Bulbs. Sow your lawn this month.

Field—Sow Crimson, Red, Burr and other Clovers, Essex Rape, Oats, Rye, Wheat, Barley and Vetch.

Orchard—Spray with Van Antwerp's Insecticide (Schnarr's Improved) for Scale insects, using it 1 to 80. Cover new growth with Bordeaux Mixture to prevent Scab infection. Spray for Rust Mites and Red Spider. Begin planting your Citrus Trifoliata seed.

OCTOBER

Vegetables—Set out Shallots, Garlic and Onion Sets; sow Beets, Cabbage, Cauliflower, Carrots, Kale, Cress, Endive, Leek, Kohl-Rabi, Mustard, Onion Seed, Parsley, Salsify, Parsnips, Radish, Spinach, Turnips, Rutabagas, Peas. Set out Lettuce, Cabbage and Collard plants. About the middle of the month, sow Succession and Early Summer Cabbage seed for Spring crop. Salsify does best sown this month.

Flowers—Sow Sweet Peas, Phlox, Calendula, Pinks, Daisies, Petunia, Pansies, Candytuft, Poppy and all annuals recommended last month.

Field—Sow Crimson, Burr and other Clovers, Hairy Vetch, Essex Rape, Alfalfa, Oats, Rye, Wheat and Barley.

Orchard—Spray with Van Antwerp's Insecticide (Schnarr's Improved) for Scale insects. This spray will also remove sooty mold from leaves and fruit. Plant Citrus Trifoliata seed. Spray with Soluble Sulphur for Rust Mites and Red Spider.

NOVEMBER

Vegetables—Sow Turnip, Kale and Mustard for salad, early and late English Peas; continue to put out Onion Sets, also Cabbage, Lettuce, Collards and Strawberry plants. Sow Lettuce and early Cabbage seed in cold frames.

Flowers—Sow Sweet Peas and all annuals recommended last month. Continue to set out bulbs. Plant your Lawn Grass Seed.

Field—Oats, Rye, Essex Rape, Vetch, Clovers, Barley, Wheat and Grasses. Canada Field Peas may be sown this month.

Orchard—Put in cover crop of Burr or Crimson Clover, Oats or Rye. Spray Citrus fruit with Van Antwerp's Insecticide (Schnarr's Improved), 1 to 60, for White Fly and Scale insects. Plant Citrus Trifoliata seed.

DECEMBER

Vegetables—A general crop of Peas, the Black-Eyed Marrowfat should be planted. Put out Horseradish, Asparagus and Rhubarb roots, Cabbage and Strawberry plants. Sow in hotbeds, Lettuce, Cabbage, Cauliflower, Tomatoes, Egg Plant, Pepper and Cucumber. Transplant Onion plants.

Follow the above Planting Calendar—it will assist you. Write our "Service Department"—it is at your disposal for any further information you may desire.

\$200⁰⁰ IN CASH PRIZES

PHOTO CONTEST

\$100.00 IN PRIZES

FOR 1929

Take or have a friend of yours take a photograph of your VAN ANTWERP GARDEN any time before September 15th, 1929, and mail it to us marked for PHOTO CONTEST. Write your full name and address on the back of the photo, also the names of the people shown in the photo. All customers of Van Antwerp's Seed Store who order from this catalog by mail can enter photos in this contest. The customer who orders just a few ten cent packages of seeds will have just the same opportunity to win one of the 19 CASH PRIZES as the largest buyer.

19 CASH PRIZES FOR BEST PHOTOS

1st Prize	\$ 25.00
2nd Prize	15.00
3rd Prize	10.00
9 Fourth Prizes, \$4.00 Each.....	36.00
7 Fifth Prizes, \$2.00 Each.....	14.00
Total	\$100.00

All photos must reach us on or before September 15th, 1929, and they will become our property for exclusive reproduction. Checks will be mailed the 19 winners on November 15th, 1929. Be sure to send at least one photo of your garden.

PRIZE WINNERS

In Last Year's Photo Contest

1st Prize—Miss Minnie Balkcom....Box No. 47, Noma, Fla.
2nd Prize—S. M. Tharp.....Bay Minette, Ala.
3rd Prize—James H. Jones.....Route 3, Fayetteville, Ark.

WINNERS OF FOURTH PRIZES

Mrs. Willie Bridgewater.....Curve, Tenn.
Mrs. M. A. Skinner.....Box No. 41, Newton, Miss.
Mrs. L. M. Reid.....Bay Minette, Ala.
Mrs. H. M. Butler.....126 Houston Street, Mobile, Ala.
Mrs. R. Ard.....Foley, Ala.
Mrs. D. S. Johnson.....Perkinston, Miss.
Mrs. T. J. Phillips.....Little River, Ala.
Mrs. Desmay Byrd.....McLain, Miss.
Mrs. Adele Clinton.....309 S. Georgia Avenue, Mobile, Ala.

WINNERS OF FIFTH PRIZES

Mrs. Betty Myrick.....Route No. 3, Laurel, Miss.
Mrs. L. A. Slade.....Magnolia, Ala.
Miss Lizzie Lambert.....Mt. Pleasant, Ala.
Mrs. Norman T. Lyons.....Hurley, Miss.
Mrs. W. D. Rawls.....Route No. 1, Hub, Miss.
Mrs. P. M. Angle.....965 Kentucky St., Mobile, Ala.
Mrs. Bettie Hancock.....Lenox, Ala.

LETTER CONTEST

\$100.00 IN PRIZES

FOR 1929

This letter contest is open to all mail order customers of VAN ANTWERP'S who order from this seed catalog. The rules are very simple. All you have to do is write us a letter telling us of the benefits and results obtained by using VAN ANTWERP'S SEEDS and what our seeds have done for you. Write your letter so it will not exceed one hundred words also your full name and address at the end of your letter. All letters to reach us on or before September 15th, 1929. The small customer will have just the same opportunity to win one of the 17 cash prizes in this letter contest as the large buyer.

17 CASH PRIZES FOR BEST LETTERS

1st Prize	\$ 30.00
2nd Prize	20.00
3rd Prize	10.00
4 Fourth Prizes, \$5.00 Each.....	20.00
10 Fifth Prizes, \$2.00 Each.....	20.00
Total	\$100.00

Remember all letters to reach us not later than September 15th, 1929. They will become our property for exclusive reproduction. Checks will be mailed the winners on November 15th, 1929, and the names of the winners announced in our 1930 catalog.

PRIZE WINNERS

In Last Year's Letter Contest

1st Prize—Mrs. L. P. McDonald...Route No. 1, Mobile, Ala.
2nd Prize—Mrs. Thos. N. Waller.....De Soto, Miss.
3rd Prize—W. E. Gannon.....Box No. 53, McDavid, Fla.

WINNERS OF FOURTH PRIZES

Mrs. Ephraim H. Thomas.....Route No. 1, Bogalusa, La.
Mrs. E. W. Wedgeworth.....Route No. 1, Lucedale, Miss.
Mrs. J. B. Harmon.....McCalla, Ala.
Mrs. W. H. Calloway.....Balboa, Panama

WINNERS OF FIFTH PRIZES

Mrs. L. J. Hooper.....Bay Minette, Ala.
Mrs. M. H. Nicks.....Route "A," Mobile, Ala.
Mrs. W. T. Renfroe.....Route No. 1, Columbia, Miss.
R. B. Leatherman.....Fort Meade, Fla.
Lester CookBig Point, Miss.
Mrs. Norman L. Lyons.....Hurley, Miss.
Mrs. W. E. Mitchell.....Leroy, Ala.
Mrs. C. J. Price.....Alford, Fla.
Mrs. S. S. Culver.....Route No. 1, Deatsville, Ala.
Louis Berry.....Route No. 1, Juno, Tenn.

PREMIUMS

For All Van Antwerp's Customers

READ THIS

The valuable and useful PREMIUMS pictured and described on this page are bought by us in gross lots especially for the mail order customers of VAN ANTWERP'S. We want you to take full advantage of these PREMIUMS and suggest you look this page over before making out your seed order. You select your own premium according to the total amount of your seed order. These premiums are only given when you order the following kinds of seeds: VEGETABLE SEEDS (except potatoes), FLOWER SEEDS or BULBS and are not given with orders for Field or Farm Seeds, Insecticides, Implements or any other items listed in this catalog. As an example, suppose your order for Vegetable Seeds, Flower Seeds or Bulbs totals \$3.50 (or an order for any one of these three items), you may select a Rubber Apron as a premium. These premiums are only given cash mail order customers of Van Antwerp's who order from this (1929) catalog. Be sure to put down on your order the PREMIUM you select and want us to send you with your order.



Select the Premium You Want

OVERALLS

Best Southern Made

The OVERALLS illustrated on this page are made by one of the largest Southern Overall Factories. They are cut from GENUINE INDIGO DYED 2.20 White Back Denim. All the main seams are triple stitched throughout; the very highest grade loops and slides are used. All points at which a strain is placed are bar tacked to prevent ripping. This garment throughout is considered as one of the best on the market and will give you splendid wear. Every farmer or home gardener can use a pair of these serviceable overalls. The price usually charged by the leading stores for this pair of overalls is \$1.50. If your order for Vegetable Seeds, Flower Seeds or Bulbs (not including Field Seeds or other articles) totals \$10.00 you may select a pair of these overalls FREE. Be sure to put down on your order the size overalls you wear. We have the following sizes (waist measurements) 32, 34, 36, 38, 40 and 42 inches.

**A \$10.00 Order and These \$1.50
Overalls Are Yours Free**

FOUNTAIN PENS

Genuine Waterman

The No. 52 GENTLEMEN'S WATERMAN IDEAL FOUNTAIN PEN illustrated on this page is made of hard rubber. It is the favorite self filler design, nickel trimmed and comes in plain or chased design. Has a very nobby clip cap and can be easily carried in the pocket or used on your desk or writing table. This is a very serviceable pen and is the style of pen used by business and professional men all over the world. This pen is guaranteed to be made and sold by the L. E. Waterman Company at their New York City store for \$2.75 each. If your order for Vegetable Seeds, Flower Seeds or Bulbs total \$15.00 you may select one of these pens as a premium. They are not given with Field seeds or other articles.

No. 52½ V. LADIES' WATERMAN IDEAL FOUNTAIN PEN is made exactly the same as the gentlemen's pen described above, except it is fitted with ring style cap instead of clip cap. See illustration. This is one of the most popular pens made and is guaranteed to be made and sold by the L. E. Waterman Co. at their New York City Store for \$2.75.

**A \$15.00 Order Entitles You to One
of These Pens Free**



Style No.
52½ V
Ladies' Pen

Special Notice

The Premiums shown on this page are only given with mail orders for VEGETABLE SEEDS (except potatoes), FLOWER SEEDS or BULBS. Remember, they are not given with orders sent us for Seed Potatoes, Field or Farm Seeds, Fertilizers, Insecticides, Implements, Plants, Poultry Feeds or Supplies, etc. Our FREE FLOWER SEEDS as shown on the inside Front Cover of this catalog will also be given with all orders for 50c or over. OUR PROFIT-SHARING CERTIFICATES SHOWN ON PAGE 3 WILL NOT BE GIVEN WHEN THE CUSTOMER SELECTS ONE OF THE PREMIUMS ON THIS PAGE.

Style No. 52
Gentlemen's
Pen

THESE PREMIUMS MUST BE ASKED FOR AT TIME OF ORDERING

APRONS

Pure Rubber

These beautiful TEA APRONS are serviceable and attractive in appearance. They are made of soft gum rubber, daintily trimmed and with heart shaped pocket. Every housewife should own one of these lovely aprons and they are sufficiently attractive to wear while serving guests. The apron is 27x36 inches in size and comes in pretty pastel shades. The illustration on this page is an exact reproduction of the apron we send you. The leading stores sell these aprons for \$1.00 each. We send it to you absolutely FREE with an order for \$3.50 worth of seeds. Remember, it is only given with Vegetable Seeds, Flower Seeds or Bulb orders (not field seeds or other articles).

**A \$3.50 Order for Seeds and You
May Select One of These
Aprons Free**



CAMERAS

Eastman Kodak Co.



No. 2 CART-RIDGE HAWK-EYE Model C.

EASTMAN CAMERA is compactly and durably constructed. It is finished in seal grain imitation leather and has neat fittings. This camera is equipped with view finder and automatic shutter and makes the popular 2½x3½ size photo. The loading is easily done in daylight with regular Eastman roll filler that can be purchased anywhere in the world. You may select one of these beautiful cameras as a premium if your order for Vegetable Seeds, Flower Seeds or Bulbs totals \$7.50.

**A \$7.50 Order Entitles You to This Camera Value
\$1.25 Free**



POWDER PUFFS

Velvet Velour

A hand decorated VELVET VELOUR POWDER PUFF comes in all the newest pastel shades. It is attractive in appearance and in addition a very serviceable article. The leading shops sell this puff for 50c. We send it to you exactly as illustrated on this page with an order for \$2.00. It is given when you order Vegetable Seeds, Flower Seeds or Bulbs and is not given with field seed orders or other articles.

**A \$2.00 Order Entitles You to This Lovely Powder
Puff Free**

TENDERGREEN

REG. U. S. PAT. OFF. APPLD. FOR.

Illustrated in Natural Colors on Front Cover
Wonderful New Vegetable Green



Big Money Crop
Pays \$200 to \$350 an Acre

9 Crops a Year

What Is Tendergreen?

Tendergreen is the first entirely new vegetable introduced in America in the last half century, and will, we believe, revolutionize the markets of this country, that now depend on such vegetables as Spinach, Turnip greens, Kale and Mustard. Tendergreen is a Van Antwerp introduction and offered for the first time in this 1929 seed catalog. Tendergreen is not in the experimental stage, but is now fully standardized, the product of horticultural research and scientific development. Tendergreen is destined to become America's most popular vegetable green for table use, also for canning factories. Tendergreen is superior to Spinach, Turnip greens, Mustard or Kale in flavor, eating qualities, mineral content, and is far easier to grow. Tendergreen has a delicious flavor all its own, combining the flavor of both Spinach and Turnip greens, and possesses the outstanding advantages of both these old time popular vegetables. Tendergreen is the only vegetable that is ready for table or market in 21 to 25 days after planting, and will produce 8 or 9 profitable crops a year. Tendergreen unquestionably will, within a few years be America's most popular vegetable for home gardens, market gardeners, truckers and canning factories.

Tendergreen is rich in body and bone building material, containing protein, iron, lime and other minerals so essential to the human system as disease repellants, and necessary to the proper development of our growing boys and girls. Tendergreen contains the following mineral and other body essentials—Protein 22.81 per cent, Mineral matter 25.01 per cent, Lime 2.10 per cent, Iron 0.11 per cent, Water 2.45 per cent (this analysis made by the Alabama Polytechnic Institute, Auburn, Alabama). Tendergreen seed looks like Cabbage seed, and the young plants resemble very much Turnips in growth characteristics, except Tendergreen does not make roots like Turnips; only small, thin roots about 2 or 3 inches in length. Tendergreen can be planted nearly every month in the year in the South, but best results are obtained during the spring months, and again with fall plantings. Tendergreen withstands the extreme weather conditions better than other vegetables, and will grow during the hot summer months, also during winter in most sections of the South as it takes a real freeze to kill this wonderful healthy plant. Tendergreen is a beautiful vegetable; in appearance the large, oblong shaped leaves are dark green in color with a very small center rib. The leaves are cooked and prepared for table use in exactly the same manner as Turnip greens, and Tendergreen can also be cooked like Spinach and seasoned with butter and hard boiled eggs.

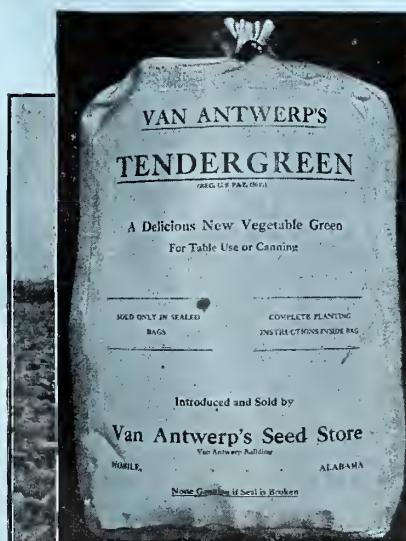
How to Grow Tendergreen

No experience is necessary to plant, cultivate and market a profitable crop of Van Antwerp's Tendergreen. Use about 800 lbs. of 8-4-4 or equally good chemical fertilizer on an acre. The seed can be sown by hand or for large plantings with a regular Planet Jr. seeder. If the seeder is used to sow the seed set the marker about 2 notches bigger than shown for Turnip seed, as Tendergreen needs to be planted thick. Make rows 2½ to 3 feet apart, using a turn plough, and flatten rows with harrow and slide drag. Sow at the rate of 5 to 6 lbs. of seed to the acre in drills. Tendergreen usually germinates 48 hours after planting and grows rapidly, being ready for home use, market or canning factory in 21 to 25 days after planting. A row 100 feet long will produce 40 to 50 bundles of Tendergreen (note sample bundle inserted in photo at bottom of this page.) An acre of Tendergreen should produce 2,500 to 3,500 bundles depending of course on proper cultivation and weather conditions. The field shown in the photo on this page produced 3,500 bundles, which sold at local market for 10c per bundle, or a total return of \$350.00 an acre. Local markets will readily buy Tendergreen in large quantities, once this vegetable becomes better known to the public.

For long distance shipping we suggest to growers to forward a few baskets of Tendergreen to their regular commission firm for their opinion before planting too large an acreage. Tendergreen sold readily the very first time it was offered at the market in Mobile. Owing to the fact that Tendergreen will be tremendously popular within a very short time, we anticipate many infringements on our introduction and U. S. registration of this seed; therefore as a protection to our customers Tendergreen will only be sold in sealed packages and bags. Look for the Van Antwerp name and seal before you purchase, as none will be genuine if the seal is broken. Seed growers and seed firms are prohibited from reproducing Tendergreen and then offering it for sale as Tendergreen seed, unless it is purchased direct from Van Antwerp's and offered for sale in our own original sealed bags. Be sure to try "Tendergreen" in 1929, the most delicious vegetable green ever introduced.

No. 1100—Tendergreen Seed—Prices: Packet 10c; oz. 15c; ¼ lb. 40c; ½ lb. 70c; 1 lb. \$1.25; 5 lbs. \$5.00, postpaid.

Sow 1 Ounce Seed to 50 Feet of Drill. 5 to 6 Lbs. to Acre.

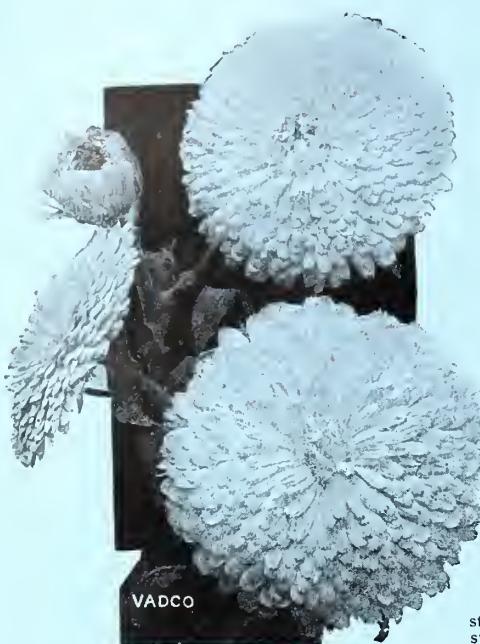


VAN ANTWERP'S NEW FLOWERS FOR 1929

Novelties Introduced This Year

Calendula "Campfire"

A splendid new, quick flowering Calendula of immense size will be found in "Campfire," the latest introduction. Campfire is a distinct new type and a vigorous grower. The flowers are borne on strong stout stems which makes it a very desirable cut flower. The blooms are slightly flat and are considerably larger than any of the old varieties of Calendulas. The flowers are a brilliant orange gold with a scarlet sheen, with full yellow centers. See illustration. No. 2244—NEW CALENDULA "CAMPFIRE." Prices, Pkt. 25c; 2 pkts. 40c; 5 pkts. 85c, postpaid.



Calendula No. 2244

Cynoglossum

This beautiful new flower was recently introduced from China. It is an annual of easy culture, very hardy, and can be grown successfully in warm climates which makes it particularly well adapted to the South. In appearance the flowers resemble the old time Forget-Me-Not except that Cynoglossum grows tall attaining a height of 24 inches. It is a tall graceful branching plant producing flowers in abundance. Cut the flowers as they bloom and the plant will continue to bloom throughout the summer and fall. You will be delighted with this new flower with its long blooming season. We offer two colors, the White and Blue. See illustration. No. 2491—CYNOGLOSSUM WHITE. No. 2492—CYNOGLOSSUM BLUE. Price of both colors, Pkt. 35c; 2 pkts 60c; 5 pkts. \$1.25, postpaid.



Cynoglossum No. 2491

Larkspur "La France"

La France is the double annual stock-flowering type of Larkspur but is more vigorous and grows taller than the old varieties of this popular flower. The blooms are of a pleasing salmon-pink a most striking color. The large well-formed double flowers, well placed on long stems, to set off its attractions, present a beautiful appearance. Larkspur always grows easily in the South and is one of our best cut flowers. We hope our customers will try this charming new introduction this year. See illustration. No. 2749—LARKSPUR "LA FRANCE." Prices, Pkt. 35c; 2 pkts. 60c; 5 pkts. \$1.25, postpaid.

Sunflower "Maroon Prince"

A new dwarf growing single flowering sunflower about four feet high. Maroon Prince is a beautiful dark rich red color and unquestionably the best dark red sunflower of any of the recent introductions. The flowers are large on strong stems and are exceedingly effective for beds or borders. See illustration. No. 3166—NEW SUNFLOWER "MAROON PRINCE." Prices, Pkt. 20c; 2 pkts. 35c; 5 pkts. 75c, postpaid.



Larkspur No. 2749



Sunflower No. 3166

California Poppy "Ramona"

Ramona is a gorgeous new frilled edge California Poppy and quite distinctive from the older varieties. The frilled edges give this new flower the appearance of a semi-double. This color is a pale but glittering coppery gold with pink shadings, and very pleasing to the eye. We hope all growers of flowers will give this unusually attractive novelty a trial. See illustration.

No. 2592—CALIFORNIA POPPY "RAMONA." Prices, Pkt. 25c; 2 pkts. 40c; 5 pkts. 85c, postpaid.

Gaillardia "The Dazzler"

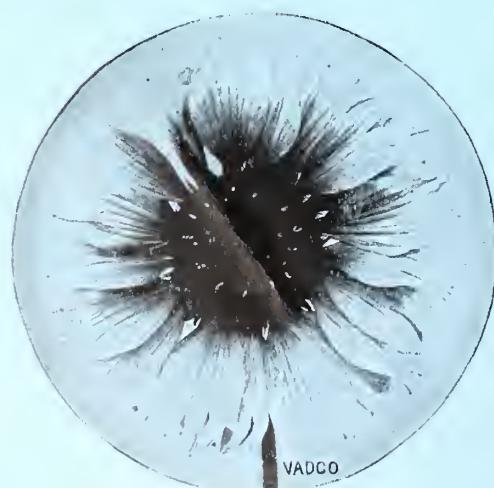
This is by far the largest and most attractive Giant Red Perennial Gaillardia introduced so far. The large flowers are of a rich, dark red with a bright orange tip on the end of each petal, which makes it a really beautiful flower for home gardens or table decoration. It has been selected for the length and strength of the stems and we highly recommend this wonderful novelty. Try it this year. See illustration.

No. 2609—GAILLARDIA "THE DAZZLER." Prices, Pkt. 20c; 2 pkts. 35c; 5 pkts. 75c, postpaid.

Coreopsis "The Prize"

The Coreopsis is always one of our favorite flowers in the South. In offering The Prize a new semi-double variety we feel it is well worthy of a place in every flower garden. The large semi-double flowers are borne on long slender stems. The blooms are a bright yellow which makes it exceedingly attractive in the garden or as a cut flower for the home. We highly recommend this meritorious novelty.

No. 2445—COREOPSIS "THE PRIZE" (new semi-double). Prices, Pkt. 20c; 2 pkts. 35c; 5 pkts. 75c, postpaid.



Gaillardia No. 2609



Coreopsis No. 2445

Van Antwerp's BARGAIN VEGETABLE SEED COLLECTIONS

A GARDEN FULL OF VEGETABLES

15 Big Packets New Crop Seeds.....
15 Best Varieties for the South.....

Van Antwerp's have made it possible for everyone with even a little garden space to enjoy a Home Garden and have fresh vegetables by making this liberal offer of 15 packets of strictly fresh vegetable seeds for 50c. Bought from this catalog separately the 15 packets would cost you \$1.15. Send only 50c for this collection and we guarantee safe delivery.

1 Packet Mobile Market Beets
1 Packet Stringless Beans
1 Packet Danvers Half-Long Carrot
1 Packet White Spine Cucumbers
1 Packet Emerald Gem Cantaloupe

1 Packet Georgia Collards
1 Packet Big Boston Lettuce
1 Packet Southern Curled Mustard
1 Packet White Velvet Okra
1 Packet Red Creole Onions

1 Packet Red Globe Radish
1 Packet Early White Bush Squash
1 Packet Earliana Tomato
1 Packet White Globe Turnip
1 Packet Tom Watson Watermelon

For 50c we will send you the above collection of vegetables (15 varieties) postpaid. No changes will be allowed in this collection and no others will be sold at this reduced price. Order collection No. 1. Send only 50c for this No. 1 collection.

50¢
POSTPAID

BIG BARGAIN VEGETABLE COLLECTION

35 Packets, Ounces and Half-Pounds—35 Varieties.....

Look over what you get in this BIG BARGAIN COLLECTION of 35 choice varieties of vegetable seeds, consisting of half-pounds, ounces and packets.

The complete collection of 35 all for \$2.00, postpaid to your home. Bought separately this collection would cost you \$3.50.

½ Pound Stringless Green Pod Beans
1 Packet Kentucky Wonder Pole Beans
½ Pound Henderson's Bush Butter Beans
1 Packet Carolina Sieva Pole Butter Beans
1 Ounce Southern Market Beets
1 Packet All Head Cabbage
1 Packet Eden Gem Cantaloupe
1 Packet Rockford Cantaloupe
1 Packet Half-Long French Carrot
1 Packet Georgia Collards
½ Pound Country Gentlemen Corn
1 Packet Truckers' Favorite Corn

1 Packet Vadco Wonder Cucumber
1 Packet Black Beauty Egg Plant
1 Packet Kale or Borecole
1 Packet Big Boston Lettuce
1 Packet Southern Curled Mustard
1 Packet Dwarf Green Okra
1 Packet Red Creole Onions
1 Packet Hollow Crown Parsnip
1 Packet Curled Parsley
½ Pound Extra Early Peas
1 Packet Ruby King Pepper
1 Ounce Pumpkin, King of Mammoths

1 Ounce Scarlet Globe Radish
1 Ounce White-Tipped Scarlet Turnip
Radish
1 Packet White Bush Squash
1 Packet Earliana Tomato
1 Packet Redfield Beauty Tomato
1 Ounce Red Top Turnip
1 Ounce White Globe Turnip
1 Ounce Purple Top Rutabaga
1 Packet Bloomsdale Spinach
1 Ounce Kleckley Sweet Watermelon
1 Packet Tom Watson Watermelon

For two dollars we will send you the above collection of vegetables (35 varieties) postpaid to your home. No changes will be allowed in this collection and no others will be sold at this reduced price. Order collection No. 35.

\$2.00
POSTPAID

OUR GARDEN GUIDE WILL BE SENT FREE WITH EACH OF THESE COLLECTIONS

FAMOUS DOLLAR COLLECTION OF VEGETABLE SEEDS

SEE INSIDE BACK COVER OF THIS BOOK

SNAP BEANS



*are easy
to grow*

1 lb. will plant 100-foot row. 1 bushel (60 lbs.) will sow an acre.

SPECIAL NOTICE—Bean prices are much higher this year owing to the shortest crop in many years. Weather conditions were so bad during the growing and harvesting season that the crop was severely damaged, reducing the yield to about 40% of normal. The prices quoted in this catalog are therefore subject to change and we suggest you write for bushel prices when ready to buy.

CULTURE—February and March are the main spring planting months, sowing seed usually when danger of frost is past. They are also planted again during August, September, and the first half of October. Plant again in the summer and fall.

Sow in long rows 2 to 3 feet apart, the plants about 3 to 4 inches apart in the rows. Sometimes five to six beans are dropped to every 8 to 10 inches. Cover about 2 inches. Fine pods may be had by making repeated plantings 10 to 15 days apart during the sowing season. It is more advisable to make small plantings at intervals than sowing a large acreage at once. Keep soil well stirred and when the blossoms appear, draw earth close around the plant. It requires about a pound of seed to sow a 100-foot row. One bushel (60 lbs.) will sow an acre. Takes two to three months to produce a crop. Most early varieties mature in 40 to 60 days.



Asparagus SEED AND ROOTS

CULTURE—The ground should be well manured and prepared before either the roots or seeds are planted. Plant the seed in early spring; soak over night in water; plant in rows, or rather hills, 1 foot apart and 2 feet between, or 3 feet between if to be cultivated with a plow; put from four to five seeds in each hill; when well up, thin out to two plants. The following winter, when the stalks are cut off, cover with a heavy coat of well-rotted manure and a sprinkling of salt; fish brine will answer the same purpose.

No. 16—New Pedigreed Washington

Originally developed by the U. S. Department of Agriculture, further selected and improved. It is rust-resistant, particularly vigorous, and of wonderful quality. The shoots are large, straight, dark green in color and with a heavy purple over-tone; the tight, firm tips do not begin to open out until well out of the ground. Pedigreed Washington Asparagus stands ahead of all other varieties as a standard for the home or market garden. Seed price, pkt. 10c; oz. 30c; 1/4 lb. 75c; 1 lb. \$2.50, postpaid.

Price, 2 year old roots, 25 roots, 70c; 50 roots, \$1.20; 100 roots, \$2.00; 500 for \$6.50; 1,000 for \$11.50, postpaid.

No. 15—Palmetto Seed

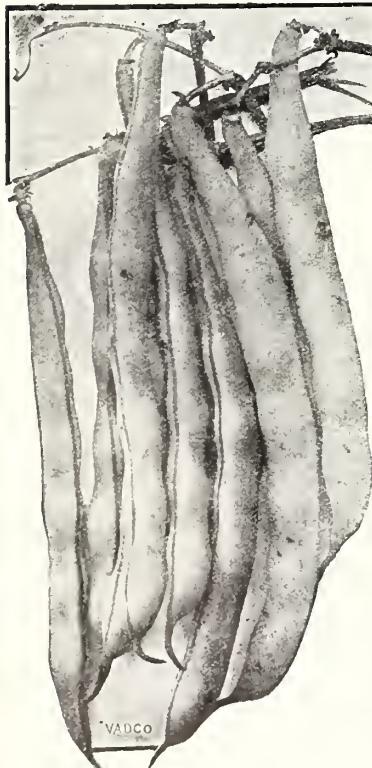
An excellent variety, especially adapted to the South. We recommend Palmetto highly. Pkt. 10c; oz. 20c; 1/4 lb. 35c; 1 lb. \$1.00, postpaid.

Two-year-old roots: 25 roots, 40c; 50 roots, 75c; 100 roots, \$1.25; 500 for \$3.75. Five thousand roots are required to plant one acre.

ARTICHOKE—Sow in drills during winter or early spring 3 inches apart and 1 foot from row to row and cover with about 1 1/2 inches of earth.

No. 14—Large Green Globe

Pkt. 15c; 1/2 oz. 40c; oz. 75c; postpaid.



Bush or Bunch Green Beans

No. 22—Bountiful

This variety is largely planted by the Florida truckers for shipment to northern markets. It has steadily gained in popularity on account of its prolific bearing qualities. Bountiful is practically rust and mildew proof, very hardy, extremely early and bears continuously for many weeks. The pods are large, rich green in color, and almost flat and straight as you will notice by the illustration on this page. They are uniform in shape, solid, meaty, tender and delicious flavor. Our stock of this splendid variety is preferred by the leading truckers in Florida. Prices, pkt. 10c; 1/2 lb. 25c; 1 lb. 50c; 2 lbs. 90c; 5 lbs. \$2.25, postpaid. Not prepaid, 15 lbs. (peck) \$5.50; 60 lbs. (bushel) \$20.00. Crop very short.

No. 38—Giant Stringless Green Pod

This is an exceedingly productive and handsome variety. The plants are very hardy and productive. The pods are large and nearly round, somewhat similar to the Burpee's Stringless, but a little longer and straighter and a slightly lighter color and mature a few days later. The quality is good for snaps for home use as well as suitable for the market. Pkt. 10c; 1/2 lb. 25c; 1 lb. 50c; 2 lbs. 90c; 5 lbs. \$2.25, postpaid. Not prepaid, 15 lbs. (peck) \$5.50; 60 lbs. (bushel) \$20.00. Short crop.

No. 45—White Navy

Best White Bean for shelling. Pkt. 10c; lb. 40c; 2 lbs. 70c, postpaid.

Bush or Bunch Green Podded Beans

No. 23—Burpee's Stringless Green Pod

Our stock of this bean is used extensively by the home gardeners, truckers and the canning factories. It is unquestionably one of the finest round-podded stringless green beans in existence. The large green pods are very fleshy, five to six inches long and remain crisp and tender longer than other varieties. Burpee's Stringless is very early and productive. The beans are handsome in appearance and sell readily at local markets besides bring top prices when shipped. The pods are absolutely stringless, tender, brittle, round and delicate flavor. We sell thousands of bushels of this wonderful bean every year. Prices, pkt. 10c; 1/2 lb. 25c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$2.00, postpaid. Not prepaid, 15 lbs. (peck) \$4.75; 60 lbs. (bushel) \$18.00.

No. 31—Vadco Extra Early Red Valentine, Improved Round Pod

A splendid early, heavy-bearing variety, well adapted to all parts of the South for market or home use. Vines erect, with coarse, dark green leaves; pods medium length, curved, cylindrical, with crease in back; very fleshy, crisp and tender. None can compare with our stock of Valentine in fleshiness and high quality of pod. The best shipper of all Beans on account of pod being curved instead of straight. (See illustration.) Pkt. 10c; 1/2 lb. 25c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.75. Not prepaid, 15 lbs. (peck) \$4.00; 60 lbs. (bushel) \$15.00.

No. 33—Vadco New Green Stringless—This magnificent round podded bush bean bears long, round green pods, always solid, stringless and exceedingly prolific. The attractive pods are about five inches long, firm and tender. The plant is of erect growth, with dark green foliage and practically blight proof. It is a thoroughbred stringless variety of the finest quality, always yielding a very large crop of handsome green pods that remain for use many days after maturity. Pkt. 10c; 1/2 lb. 25c; 1 lb. 50c; 2 lbs. 90c; 5 lbs. \$2.25, postpaid. Not prepaid, 15 lbs. (peck) \$5.50; 60 lbs. (bushel) \$20.00.

No. 21—Black Valentine—A strain of Valentine bean that has steadily made its way into favor as a variety for market gardeners, both for nearby markets and long distance shipping. Seemingly this bean will stand earlier planting than other varieties on account of its greater hardness and its resistance to bad weather conditions. Extra early, a heavy bearer and holds up splendidly in shipments to Northern markets. Pkt. 10c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.75, postpaid. Not prepaid, 15 lbs. (peck) \$3.75; 60 lbs. (bushel) \$14.00.

No. 28—Full-Measure Beans—The Full-Measure is rather a new variety as compared to many others, but the demand for it is growing each season. It has light green, straight, round pods—so round they have creased backs, are about six inches long, very fleshy and of very fine quality. Perfectly stringless and so tender they snap off easily when bent. They come into bearing early, are productive and last a long time. Pkt. 10c; 1/2 lb. 25c; 1 lb. 50c; 2 lbs. 90c; 5 lbs. \$2.25, postpaid. Not prepaid, 15 lbs. (peck), \$5.50; 60 lbs. (bushel), \$20.00. Very short crop.

No. 29—Extra Early Refugee—Matures in 32 days. Very popular with market gardeners who grow snap beans for early shipment; its pods are round and of a bright green color; tender, of good flavor and very productive. Pkt. 10c; 1 lb. 40c; 2 lbs. 80c; 5 lbs. \$1.75, postpaid. Not prepaid, 15 lbs. (peck), \$4.00; 60 lbs. (bushel), \$15.00.

No. 32—Stringless Green Refugee—Introduced a few years ago this bean is now grown extensively by the canning trade. It is a heavy yielder, absolutely stringless and the pods are round, fleshy, bright green in color. Desirable for home gardens or market. Pkt. 10c; 1/2 lb. 25c; 1 lb. 50c; 2 lbs. 90c; 5 lbs. \$2.25, postpaid. Not prepaid, 15 lbs. (peck), \$5.50; 60 lbs. (bushel), \$20.00.

No. 36—Tennessee Green Pod—This early snap bean is a great favorite in some parts of the south, for home garden planting. It is a heavy yielder of large, broad flat pods which are 6 to 7 inches long. The pods are irregular in shape but the flavor is exceptionally fine. Prices, pkt. 10c; 1/2 lb. 25c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.75, postpaid. Not prepaid, 15 lbs. (peck) \$4.25; 60 lbs. (bushel) \$16.00.

No. 35—Longfellow—Market. The green pods are round and straight, grow 7 to 8 inches long. A very handsome bean in appearance and fine flavored. Prices, pkt. 10c; 1/2 lb. 20c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.75, postpaid. Not prepaid, 15 lbs. (peck) \$4.25; 60 lbs. (bushel) \$16.00.

No. 39—Refugee 1,000 to 1—Largely planted in Florida during the fall and winter months. The pods are round, slightly curved, light green color and good quality. Refugee 1,000 to 1 is also called Late Refugee and this variety will withstand extreme heat and cold better than any other variety of beans. Prices, pkt. 10c; 1/2 lb. 20c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.75, postpaid. Not prepaid, 15 lbs. (peck) \$4.75; 60 lbs. (bushel) \$17.00.



Red Valentine Beans No. 31

WAX PODDED BEANS



No. 48—Vadco New Wonder Wax—An entirely new Rustproof Wax Bean introduced by Van Antwerp's. The Vadco New Wonder Wax is by far the best wax bean we have ever seen. It produces beautiful, long, well proportioned pods in profusion. In appearance it resembles the old Curries Wax but the pods are much larger and longer, brighter in color. The vines are erect, strong and heavy bearing, producing golden yellow pods. We believe it is unquestionably the best wax bean for home gardens or market. Be sure to give it a trial. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 50c; 2 lbs. 90c; 5 lbs. \$2.25, postpaid. Not prepaid, 15 lbs. (peck) \$5.00; 60 lbs. (bush.) \$18.00.

No. 55—Sure Crop Stringless Wax—Very prolific and of fine eating quality. Handsome, rich yellow pods are 6 to 7 inches long, almost round, very meaty and sweet; stringless at all times. Plants very upright in growth, healthy and vigorous. It is largely planted in the South for shipping to Northern markets. Sure Crop Wax is ideal for home gardens, truckers, or canning purpose. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 50c; 2 lbs. 90c; 5 lbs. \$2.25, postpaid. Not prepaid, 15 lbs. (peck) \$5.00; 60 lbs. (bush.) \$18.00.

No. 54—Vadco Golden Wax—Matures in 35 days. One of the best dwarf Wax Beans. Pods large, long and stringless; of golden color, very tender and of rich butter flavor. Does not rust or speck. For home garden or shipping this Wax Bean has no equal. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 80c; 5 lbs. \$2.00, postpaid. Not prepaid, 15 lbs (peck) \$4.50; 60 lbs. (bush.) \$16.00.

No. 47—Currie's Rustproof Black Wax—The straight yellow pods grow about 6 inches long. They are flat-oval shape and bright yellow in color. We recommend our Vadco New Wonder Wax Bean as far superior in every way to this variety. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$2.00, postpaid. Not prepaid, 15 lbs. (peck) \$4.50; 60 lbs. (bush.) \$16.00.

No. 63—Wardwell's Kidney Wax—A very popular Stringless Wax Podded Bean. The pods grow long, broad and flat. They are very brittle and a beautiful golden yellow color. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 80c; 5 lbs. \$2.00, postpaid. Not prepaid, 15 lbs. (peck) \$4.25; 60 lbs. (bush.) \$16.00.

No. 52—Hodson Wax—This variety is largely grown in Florida especially during the fall and winter months. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 80c; 5 lbs. \$2.00, postpaid. Not prepaid, 15 lbs. (peck) \$5.00.

No. 49—Davis White Kidney Wax—The dried bean of this variety is excellent for baking. The plants grow upright and produce attractive yellow pods about six weeks after planting. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 50c; 2 lbs. 90c; 5 lbs. \$2.25, postpaid. Not prepaid, 15 lbs. (peck) \$5.00; 60 lbs. (bush.) \$18.00.

No. 56—Prolific German Wax, Black-seeded—Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c, postpaid.

Pole Wax Beans

No. 51—Early Golden Cluster Wax—Matures in 55 days. Bright, golden yellow, stringless, tender and of a most delicious flavor. Vines, strong and continue bearing until frost. Beans clean, waxy white; an excellent shelled Bean, also. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 50c; 2 lbs. 90c, postpaid.

Full Measure Beans No. 28

No. 64—Broad Beans (Winsor or Horse Beans)—These beans are extensively grown in Europe and in some parts of the Southern States. The pods grow in pairs and usually contain 7 or 8 seeds in each pod. They are cooked and prepared for table same as lima beans. Plant during October or November as this variety will grow during extreme cold weather. They can also be planted during the early spring months. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.50, postpaid. Not prepaid, 15c lbs. (peck) \$3.00; 60 lbs. (bush.) \$11.00.

Sure Crop Wax Beans No. 55



BEST 4 SNAP BEAN COLLECTION NO. 5

3 Full Packets Bush Beans—1 Full Packet Pole Beans

For 25c we will send you 4 full packets of the best 4-snap Beans. You get 1 packet Burpee's Stringless, 1 packet Red Valentine, 1 packet Improved Golden Wax and 1 packet Kentucky Wonder Pole Snap Beans.

All new crop beans. The 4 packets value 40c for 25c postpaid.

Order Collection No. 5 and send only 25c.

LIMA OR BUTTER BEANS

CULTURE—Lima beans are not as hardy as snap beans and should not be planted before the ground is warm and frost is over. Plant bush limas in 3-foot rows, dropping 3 beans 15 inches apart in the row, eyes downward. For the tall varieties, set 6 to 8-foot poles firmly in the center of the hills 3 feet apart in 4-foot rows before the seeds are planted. Cover the beans $1\frac{1}{2}$ inches deep; cultivate only when the vines are dry. One pound of large seeded limas will plant 60 hills; 60 pounds to the acre. One pound of the smaller seeded varieties will plant 100 hills; 30 pounds to the acre.

Bush Lima or Butter Beans

No. 71—Vadco Fordhook Bush Lima—The very best variety. The pods, which are produced in large clusters, are medium green, about four and three-fourths inches long, each containing three to five large beans of exceptionally fine quality. Don't fail to plant some of these in your garden this spring. See illustration. Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1 lb. 50c; 2 lbs. 90c, postpaid. Not prepaid, 15 lbs. (peck) \$5.50; 60 lbs. (bushel) \$20.00.

No. 75—Henderson's Bush—Matures in 50 days. A Dwarf Butter Bean, which requires no poles; it grows from 18 to 24 inches high; it is early and productive. We recommend it for family use, or where it is difficult to obtain poles. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 15 lbs. (peck) \$2.75; 60 lbs. (bushel) \$9.50; 100 lbs. at 15c lb.

No. 69—Burpee's Bush Lima—A bush form of the Large White Lima, growing about 20 inches high; the pods and Beans are nearly the same size as the latter. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 75c, postpaid.

No. 70—Calico Bush, or Jackson Wonder—Flowers in driest weather and practically drought proof. Flavor rich and delicious. A perfect bush butter bean growing to 2 feet high. Begins blooming early; continues to bear until frost kills the plants. Good for summer use or as a winter shell bean. Seed of brownish color. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c. Not prepaid, 15 lbs. (peck) \$3.00; 60 lbs. (bushel) \$11.00.

Pole Lima or Butter Beans

No. 101—Vadco Small White Lima, Carolina, or Sieva—Matures in 70 days. Vines vigorous, but short, with many short branches, so that they are sometimes grown without poles; very early and productive, pods short, curved, thin, flat; beans white, small, kidney-shaped. See illustration. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 15 lbs. (peck) \$3.25; 60 lbs. (bushel) \$12.00.

No. 82—Genuine Willow Leaved Pole Lima—

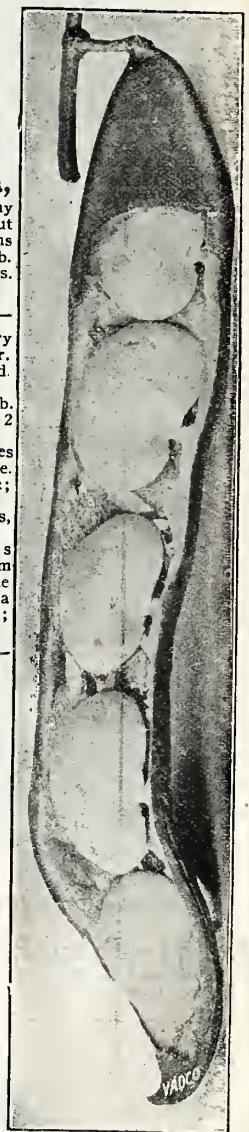
It is early and productive with a leaf that is willow-leaf in shape. A very heavy bearer resembling the Carolina Sieva but a much heavier yielder. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.50, postpaid. Not prepaid, 15 lbs. (peck) \$3.50; 60 lbs. (bushel) \$13.00.

No. 93—King of the Garden Lima—Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 75c, postpaid.

No. 85—Challenger Lima—Matures in 85 days. The vines are prolific and the pod large. Dry beans large and of the best quality. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 75c, postpaid.

No. 97—Large Lima—Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 75c, postpaid.

No. 81—Pole Calico or Florida Butter—It bears pods from the very first bloom that appears on the plants, something that is not true of any other pole lima bean. Seeds of the Carolina or Sieva Lima size but are speckled white and brownish red. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 15 lbs. (peck) \$3.25.



LIMA BEAN COLLECTION

4 Full Packets New Crop Beans

For 25c we will send you one packet each of the following Lima Beans: Henderson Bush Lima, Calico Bush Lima, Burpee's Bush Lima and Carolina or Sieva Pole Lima.

Order Collection No. 73

The 4 Full-Sized Packets 25c, Postpaid

Pole or Running Beans

1 LB. TO 100 POLES; 30 LBS. TO ACRE

CULTURE—Pole Beans should be planted after the ground has become warm in spring. Set strong poles in the ground from 4 to 6 feet apart, before the seed is planted. It is always best to plant after a rain and with the eye of the Bean down. The Snap Beans can be planted flat and not more than 3 to 4 feet apart and hilled after they are up. Do not cover the seed more than 2 inches.

No. 103—Van Antwerp's Black Creaseback or Ideal

Market—This splendid Green Pole Bean was introduced by us in 1914 as "Black Creaseback" but later called Ideal Market by other firms. It originated near Mobile, Alabama, and is unquestionably the finest pole green bean in existence. The beautiful long, round, stringless green pods are very meaty, tender and delicious flavor. It is very hardy and can be planted two weeks earlier in the spring than any other variety of snap beans. Van Antwerp's Black Creaseback is a great producer and the big pods hang in great clusters. Our customers who have planted this famous bean for the past fourteen years are continually writing us telling how wonderful this Van Antwerp Bean really is. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, postpaid. Not prepaid, 15 lbs. (peck) \$4.00; 60 lbs. (bushel) \$15.00; 2 bushels or more per bushel \$14.00.

No. 112—Kentucky Wonder or Old Homestead—An old time favorite with home and market gardeners. It is a vigorous grower and climber and a wonderfully heavy producer. The pods are 6 to 10 inches long, round, dark green in color, very meaty, tender and practically stringless. We sell hundreds of bushels of this pole bean every year to the truckers of the south. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.50, postpaid. Not prepaid, 15 lbs. (peck) \$2.50; 60 lbs. (bushel) \$9.50; 2 bushels or more per bushel \$9.00.

No. 116—McCasland—A white prolific pole bean of the finest quality. Said to be superior to the famous Kentucky Wonder. Pods are large, deep green and stringless. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.50, postpaid. Not prepaid, 15 lbs. (peck) \$3.00; 60 lbs. (bushel) \$11.00.

No. 117—White Creaseback—Matures in 55 days. Seeds white; pods round, with a crease in the back. A good grower, bears abundantly and if shipped will keep better than most other kinds. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.50, postpaid.

No. 111—Georgian Pole Bean or Southern Prolific—A drought and heat resistant pole bean which matures late. It is a luxuriant, vigorous grower, very productive. Produces pods 4 inches long, round and dark green in color. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1 lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 15 lbs. (peck) \$4.00; 60 lbs. (bushel) \$15.00.

No. 104—Genuine Cornfield Bean—This is the Genuine Cornfield Bean for planting in the corn. It produces well-filled, nearly straight, crease-backed green pods, about 6 inches long. Ours is the genuine heavy-bearing stock and can be sown early and late. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 15 lbs. (peck) \$3.00; 60 lbs. (bushel) \$11.00.

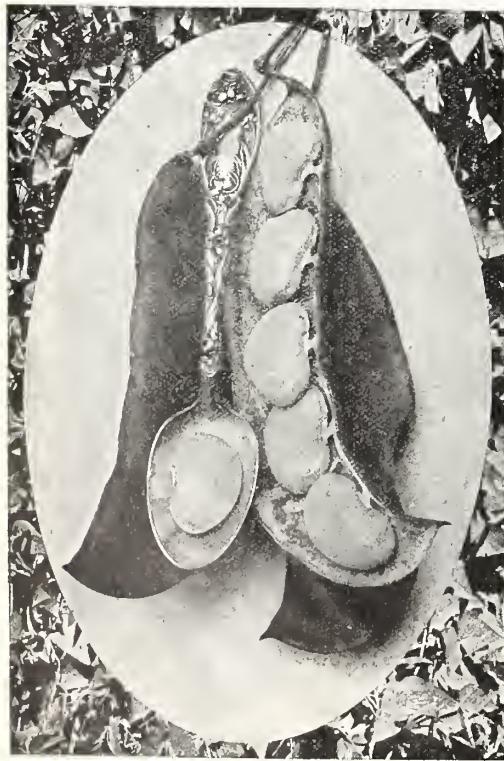
No. 105—White Cornfield Bean—We are glad to offer this white-seeded variety and can recommend it as a good snap bean or as a dry shell bean for winter use. It is a heavy and long bearer, vigorous grower and produces round 5-inch curved green pods. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 15 lbs. (peck) \$2.75; 60 lbs. (bushel) \$10.50.

No. 109—Lazy Wife—Matures in 55 days. The pods are produced in great abundance and measure from 6 to 8 inches in length. Broad, thick, very fleshy, entirely stringless and green podded. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 75c, postpaid.

No. 118—Striped Creaseback—Prices: Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.50, postpaid. Not prepaid, 15 lbs. (peck) \$3.00; 60 lbs. (bushel) \$11.00.

No. 113—Scarlet Runner—Matures in 75 days. Fine. Excellent for shade vine. Used in England as a garden Bean. Beautiful flower. Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1 lb. 45c, postpaid.

Fordhook Bush Lima
Bean No. 71



Carolina or Sieva Pole Butter Beans No. 101



FINE TABLE BEETS ARE EASILY GROWN

1 OZ. TO 50 FEET OF DRILL; 6 TO 8 POUNDS TO AN ACRE

CULTURE—For earliest use, plant in botbeds and transplant. For early outdoor crop, plant as soon as the ground can be worked, in March or early April; successive plantings may be made till the end of July. Beets for winter use should be planted from April till July, soaking the seeds before planting. Beets thrive best in light, loose, fresh, clean, deeply-worked soil that has been well manured for the previous crop; smooth roots cannot be grown if fresh manure is used. For field culture, plant in drills 2 to 2½ feet apart, and cover about one inch. Thin out to 4 inches apart. One ounce will sow 50 feet of drill, six to eight pounds, one acre. In the garden plant in rows 15 inches apart. Plant from April till July for fall and winter use.

No. 157—Vadco Mobile

Market—Matures in 55 days. A fine strain, shaped like Early Blood Turnip. Has short, upright top, remarkably uniform roots. Skin and flesh dark red sweet and tender. Very popular with market gardeners. Good for bunching for market and has lasting quality. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.50, postpaid.

No. 119—Vadco South-

ern Market—Matures in 50 days. It has been extensively planted by bay gardeners and is preferred by them to any other kind. One of the earliest varieties, regular in shape and of fine Turnip form. Flesh is dark red. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

No. 158—Detroit Dark Red—

The roots are globular or ovoid. They are smooth and have but little tops. The skin is blood-red and the flesh dark red zoned with a lighter shade. The flesh is tender and the flavor decidedly sweet. A popular favorite for canning because of its extra deep dark red color. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

No. 121—Crosby's Egyptian—

An improvement over Egyptian, being equally as early, larger, and less flat, very uniform in size and shape, with small foliage. (See illustration.) Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 85c, postpaid.

No. 123—Extra Early Egyptian—

Matures in 40 days. One of the earliest; of good quality and medium size; a fine forcer; small top. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c, postpaid.

No. 132—Improved Early Blood—

If you are in doubt about what beet to plant, you will not go wrong in planting the Improved Early Blood Turnip. The consistent, steady demand shows that it has given unvarying satisfaction. Not as early as the Extra Early Egyptian, but superior in quality. Of uniform size, with smooth skin free from fibrous roots. Color rich dark red. Tender, sweet and crisp. Makes an ideal beet for planting in May, June and July to make beets for storing for winter. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

No. 129—Lentz's Extra Early Turnip Beet—

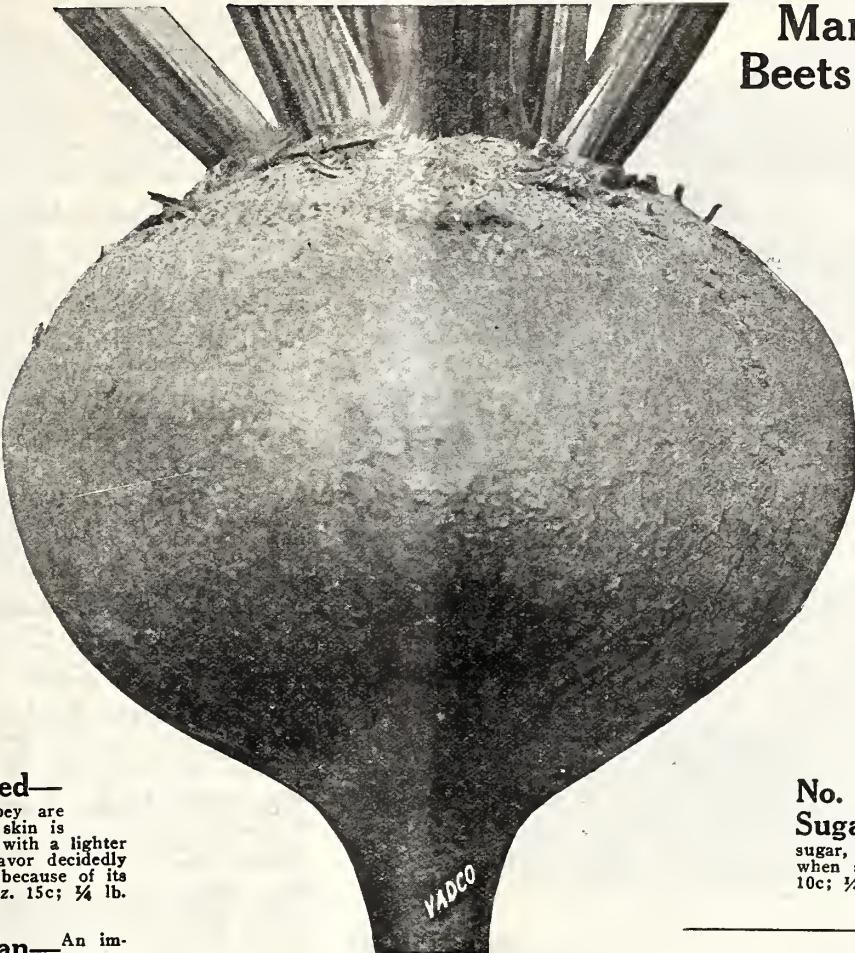
Matures in 50 days. Very popular with gardeners, both for shipment and nearby markets. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c, postpaid.

No. 153—Long Blood—

Matures in 65 days. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

No. 163—Swiss Chard, or Silver Beet—

The seed should be sown in drills 16 to 20 inches apart, and the seedlings are thinned out to stand from one to two feet apart in the row. Swiss Chard grows easily in any well-drained, fertile soil. The plants are quite hardy, and will yield throughout the summer and fall until severe frosts touch the foliage. The leaves are usually boiled, similarly to spinach, which they resemble in flavor. The large white ribs are creamed like asparagus. Swiss Chard takes the place of spinach during the hot weather. One ounce for 100 feet of drill. (See illustration.) Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.25, postpaid.



Crosby's Egyptian Beet No. 121

Mangels and Sugar Beets for Stock Feeding

Make the rows 2 to 2½ feet apart, the drills one inch deep on lands that have plenty of moisture in the subsoil; on dry and sandy soil they should be planted deeper. Shallow sowings germinate better and give a larger proportion of vigorous plants. Thin out to stand 8 inches apart in the row.

No. 171—Mammoth

Long Red—This is the giant among Mangels. The roots are of enormous size, very regular and clean, with but small top-growth. The skin is bright, rich red, and the roots, which frequently exceed 2 feet in length. Oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

No. 169—Sugar—

Although this variety does not yield quite as large crops as the one described above, the feeding value, pound for pound, is fully half as much again greater on account of its high percentage of sugar content. Oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

No. 175—Golden Tankard—

Smooth, yellow flesh; small, yellow-stemmed top; length 15 inches, diameter 5 inches, shape cylindrical. Usually grows half out of the ground. Easily pulled, good yielder; very hardy and nutritious. Oz. 10c; ¼ lb. 30c; lb. \$1.00, postpaid.

No. 172—Klein Wanzleben

Sugar Beet—The Sugar Beets are desirable not only for making sugar, but are valuable for stock feeding, and, when small, may be used for the table. Oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

Broccoli

No. 181—White Cape—

The Cape Broccoli is the best type for the South and you will do well to have it in your garden this year. The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of fine quality. Pkt. 15c; ½ oz. 25c; oz. 50c; ¼ lb. \$2.00, postpaid.

Brussels Sprouts

No. 189—Dwarf Perfection—

The most desirable variety in every way, growing 18 to 30 inches high and producing compact "sprouts" 1 to 2 inches in diameter of grayish green color. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 75c; lb. \$2.50, postpaid.



Swiss Chard or Silver Beets No. 163

HOTKAPS

This Amazing New Method of Plant Protection Gets You Higher Prices for Larger and Quicker Crops

HOTKAPS not only protect plants, but make them grow harder and faster. Thus you get a greater crop production to market earlier for higher prices!

You can add to your next year's profit with Hotkaps. They cost but a fraction over a penny each. One man can "set" 3000 Hotkaps per day. They not only bring you higher prices, but are a method of crop insurance—against the danger of the elements.

Prices of HOTKAPS—50 kaps \$1.00; 100 for \$1.85; 250 for \$3.50; 500 for \$6.25; 1,000 for \$11.50; 5,000 for \$55.00; postage or express paid by us in lots up to 1,000.

Germaco Hotkap Setters, a labor saving device for setting Hotkaps accurately and quickly into the ground. Heavy steel HOTKAP SETTER FOR \$2.50. Light Weight Cardboard Garden Setter for 50c, postpaid.

CABBAGE SEED



Stein's Early Flat Dutch Cabbage No. 248

No. 252—Glory of Enkhuizen—Largely planted in South Texas for shipping to Northern markets. The heads are very solid and nearly round, of excellent quality. Prices: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50; 5 lbs. \$10.00, postpaid.

No. 243—Drumhead Savoy—Best late Savoy. Far superior to the ordinary imported Drumhead Savoy. Heads large; short stalk; compact grower; an excellent keeper. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50, postpaid.

No. 253—All Head Yellows-Resistant Cabbage

Similar to all head early flat head type cabbage. A new variety highly resistant to yellows. Wisconsin grown seed. Price: Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.00; lb. \$7.50, postpaid.

No. 201—Copenhagen Market—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.

No. 205—Danish Ballhead—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.

No. 239—Mammoth Rock Red—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50, postpaid.

No. 247—Chinese Cabbage (Pe Tsai)—Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; 1 lb. \$3.00, postpaid.

No. 207—Gulf City Drumhead—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50

COLLARDS

Cultivated extensively throughout the South for Cabbage greens; also makes excellent stock foods. Can be sown early and late. Grows 2 to 3 feet high.

No. 331—Vadco Creole—Matures 70 days. Old standard sort in use in the South for years. A sure cropper, will stand uninjured. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00, postpaid.

No. 329—Georgia, or Southern—Matures in 70 days. A good variety. In many places where the soil is too poor to grow Cabbage, this variety will do well. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 85c; 5 lbs. \$3.00, postpaid.

No. 333—Cabbage—Matures in 60 days. A variety of Collard with light, whitish leaf. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.

TRUE TO NAME LONG ISLAND GROWN

CULTURE.—When transplanting cabbage plants from the seed bed, set them in good rich soil that has been deeply dug and well manured and apply a fertilizer containing plenty of ammonia. The soil in the seed bed should not be richer than the soil where the plants are to grow, otherwise the growth will be checked. Set the plants as deep as the first leaf stems, give frequent and deep cultivation, drawing the earth to the plants at each working. Set the early varieties 18 inches apart in $\frac{1}{2}$ to 3 foot rows; the late varieties should be set 2 feet apart in 3 foot rows.

One ounce will sow 100 feet of row and produce about 2,000 plants; 6 to 8 ounces will make enough plants to set an acre.

No. 215—Vadco All-Head Early—Our strain of special value because of close adherence to the type in habit of growth and the shape and quality of the head. Plant more compact, leaf smoother and thicker and head larger and a little more round than the Early Summer. One of the best second early sorts for both the market and home use. (See illustration.) Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50; 5 lbs. \$10.00, postpaid.

No. 248—Stein's Early Flat Dutch—The heads are large for the size of the plant, nearly round and somewhat flattened, close, firm and very solid. If you want the best early flatheaded cabbage, plant Stein's Early Flat Dutch. It is a dwarf, compact grower, allowing close planting, a sure header, most uniform in growth, attractive in appearance, free from any coarseness, and of splendid quality. Practically every plant will form a very large, solid head and mature earlier than any variety of equal size. (See illustration.) Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50; 5 lbs. \$10.00.

No. 212—Improved Early Summer—Large, round and very solid heads; almost as heavy as the late varieties and resisting the heat admirably, thus qualifying it for a true Summer Cabbage. Should be sown in November and December in a coldframe and set out end of January. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; 1 lb. \$2.50; 5 lbs. \$10.00, postpaid.

No. 227—All Seasons—Matures in 110 days. A greatly improved strain of Early Flat Dutch. Heads very large, round, solid and of fine quality, keeping as well as the Winter sorts. Plants very vigorous and sure-heading. Remarkable for its ability to stand the hot sun and dry weather. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50, postpaid.

No. 197—Extra Early Jersey Wakefield—The best early cabbage, and the one most extensively grown for home and market. Medium size, pyramidal, pointed, firm and solid, with few outside leaves; uniform in shape. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50, postpaid.

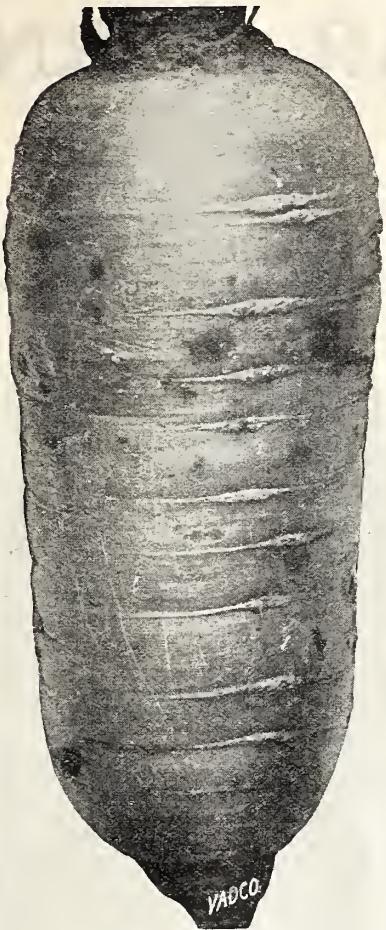
No. 199—Vadco Large Charleston Wakefield—Matures in about 75 or 80 days. A little larger and later than the Early Jersey Wakefield, the heads being as solid, but less pointed and considerably larger. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50, postpaid.

No. 222—Succession—A few days later than Early Summer, but of double the size. Also used as a Winter variety, as its solid heads make it a good keeper. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50; 5 lbs. \$10.00, postpaid.

No. 232—Louisville Large Drumhead—Matures in about 90 days. Finest strain of Drumhead in existence. Bright green foliage, short stem; heads large, round and thick; valuable for Winter; also suitable for Fall crop if sown early. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.25, postpaid.



Vadco All Head Early Cabbage No. 215. Note the Uniform Growth.



Vadco Pride of the Market Carrot No. 257



Will Grow in Any Garden

CULTURE—Sow in a light, rich, deeply-worked soil as early as you can work the ground, in drills 12 inches apart and $\frac{1}{4}$ inch deep; press the soil firmly after planting and when well up thin out to 3 or 4 inches apart in the row. For field culture, make the drills 18 to 24 inches apart; later sowings should be made in July and August for a late crop to store for winter. In dry weather soak the seeds before sowing.

No. 257—Vadco Pride of the Market—A half-long sort, unexcelled in quality, uniform in growth; deep orange-colored roots about 5 inches long and 3 inches in diameter at top gradually tapering in a symmetrical manner to the base. (See illustration.) Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25; 5 lbs. \$5.00, postpaid.

No. 267—Danver's Half Long—The best variety for general purposes and the most largely used, not only for stock raising, but for table use as well. Color is a bright orange-scarlet. It is a very heavy cropper. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 5 lbs. \$4.00, postpaid.

No. 264—Chantenay—Matures in about 65 days. A stump-rooted variety, decidedly the best of its class. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00; 5 lbs. \$4.00, postpaid.

No. 259—Half-Long Scarlet French—Matures in about 55 days. Extensively grown for market as well as family use. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 85c, postpaid.

No. 255—Oxheart—Matures in about 60 days. Can be easily pulled; especially adapted to shallow soils. (See illustration.) Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 85c, postpaid.

No. 269—Improved Long Orange—Especially fine on light soils, making long, smooth, tapering roots of a deep orange color, free from side roots and superior in every respect. A fine winter sort for table, market and stock. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c, postpaid.

Carrots for Feeding Cattle

No. 273—Large White Belgium—Makes a long white root, about one-half of root grows above ground and is easily pulled. A good keeper for late feeding. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 75c, postpaid.



Oxheart Carrots No. 255
These short rooted carrots are ideal for shallow soil.

CAULIFLOWER

CULTURE—When grown to perfection, Cauliflower is a most delicious vegetable and it well repays generous treatment in cultivation. With a deep, rich soil and abundance of moisture, which in dry seasons must be applied artificially, Cauliflower can be grown well. Frequent and vigorous hoeing and liberal supply of rich, liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor.

No. 275—Vadco New Early Snowflake—By far the quickest cauliflower grown. Ten to fifteen days earlier than any other variety of cauliflower with immense large, white heads that are solid and very compact. Every plant will make a head where other varieties fail to succeed. Gardeners should give this variety a trial as we feel confident that a trial will convince the one in doubt as to its merits. Good cauliflower has always a ready market. (See illustration.) Pkt. 25c; $\frac{1}{4}$ oz. 75c; $\frac{1}{4}$ oz. \$1.25; oz. \$2.25; $\frac{1}{4}$ lb. \$8.00; lb. \$30.00, postpaid.

No. 277—Early Snowball—Matures in 90 to 95 days. Exceedingly early and hardy and is one of the surest to make a solid, compact head. Pkt. 15c; $\frac{1}{4}$ oz. 65c; $\frac{1}{2}$ oz. \$1.15; oz. \$2.00; $\frac{1}{4}$ lb. \$7.50; lb. \$28.00, postpaid.

No. 279—Early Dwarf Erfurt—Matures in 90 to 95 days. Our stock of this is unsurpassed. Pkt. 10c; $\frac{1}{4}$ oz. 50c; $\frac{1}{2}$ oz. 90c; oz. \$1.75; $\frac{1}{4}$ lb. \$5.00.

No. 285—Large Algiers—Matures in 110 days. A valuable late sort, sure to head, of the best quality and very popular with market gardeners. Pkt. 10c; $\frac{1}{4}$ oz. 50c; $\frac{1}{2}$ oz. 90c; oz. \$1.75; $\frac{1}{4}$ lb. \$5.00; lb. \$18.50.

CELER

One ounce will sow 100 feet of row. Produce 5,000 plants.

CULTURE—Sow in a well-prepared bed; shade by means of a cotton tent built over the seed-bed and keep moist; when 5 or 6 inches high transplant. A ditch should be dug spade width and about 6 inches deep, into which must be worked plenty of well-rotted manure. Put the plants about 8 inches apart in the ditch, shade them during the first few days and water them frequently; liquid manure will help wonderfully. As the plants grow, draw the soil around them and gradually earth up so as to blanch the stems for use.

No. 298—Golden Plume or Wonderful—A new type of Golden Self Blanching with wider leaves and thicker stems. It matures fully as early as that variety and in many localities has been found to be more resistant to attacks of blight and rust. The plants are semi-dwarf, stocky and vigorous. Prices: Pkt. 15c; $\frac{1}{2}$ oz. 70c; oz. \$1.25; $\frac{1}{4}$ lb. \$4.00; lb. \$15.00, postpaid.

Vadco Golden Self-Blanching—Matures in 110 days. One of the best varieties for our climate and soil and is our principal market variety. Heart is solid, very tender, a beautiful, golden yellow color; the ribs are brittle and of a delicate flavor. It blanches much easier than any other.

No. 297—French-Grown Seed—Pkt. 25c; $\frac{1}{4}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.25; lb. \$12.00, postpaid.

No. 295—White Plume—Matures in 100 days. Unlike most varieties, this one does not require to be earthed up, but if only loosely tied. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid.

No. 307—Giant Pascal—Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$3.00, postpaid.

No. 311—Turnip-Ro o t e d, or German Celery—Grown exclusively for its roots, which are turnip-shaped, very smooth, tender and narrow-like. The roots are cooked and sliced, or used with vinegar, they make an excellent salad. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.50, postpaid.

PREMIUMS

A number of both valuable and useful premiums are illustrated on page 6. Be sure to look them over.

Vadco New Early Snowflake Cauliflower No. 275

SWEET AND ROASTING EAR CORN

CULTURE—Sow from February until end of June. In favorable seasons Corn may be planted as late as July and August. Plant four or five kernels to the hill and cover 2 inches deep; when they are up, thin out according to variety. Hoe deep and often while young, drawing the earth each time a little about the stalk, but after the plant is 6 inches high, shallow surface culture.

No. 352—Barden's Wonder Bantam—

This splendid new sweet corn has all the good qualities of Golden Bantam except it's a much larger corn. It grows 5 to 6 feet high and the ears are 8 to 10 inches long, filled with eight rows of beautiful golden yellow kernels. An ideal variety for home gardens or market. Be sure to try it this year. Prices: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 60c; 5 lbs. \$1.25, postpaid. Not prepaid, 11 lbs. (peck) \$2.00; 44 lbs. (bushel) \$6.50.

No. 383—Vadco Stowell's Evergreen—

A late Corn. Matures in about 80 days from germination. A splendid old standard main crop variety. The ears are large, with deep, tender, sugary grains and remains fit for use longer after maturity than those of any other Sweet Corn. A very productive and hardy variety. Adaptable either as early or late sort; fine for private gardens, market or canning. (See illustration.) Pkt. 10c; lb. 30c; 2 lbs. 55c, postpaid. Not prepaid, 11 lbs. (peck) \$1.50; 44 lbs. (bushel) \$5.50.

No. 391—Vadco Country Gentleman—

Matures in about 70 days from germination. Ears of good size, fine flavor and produce in great abundance, many stalks having four plump ears. White cob, narrow, deep grain. Pkt. 10c; lb. 30c; 2 lbs. 60c, postpaid. Not prepaid, 11 lbs. (peck) \$1.50; 44 lbs. (bushel) \$5.75.

No. 351—Golden Bantam—Matures in about 70 days. An early Sweet Corn with golden-yellow grain of tender and excellent quality; flavor rich and delicious. Is very hardy and can be planted earlier than other garden Corns. Height about 4 feet. Pkt. 10c; lb. 30c; 2 lbs. 60c, postpaid. Not prepaid, 11 lbs. (peck) \$1.50; 44 lbs. (bushel) \$5.75.

No. 367—Black Mexican—Matures in about 90 to 95 days from germination. Late sort; dark purple grains—a novelty in Corn. Of the finest quality for home use. Pkt. 10c; lb. 30c; 2 lbs. 60c, postpaid.

No. 375—Golden Giant—A cross between Golden Bantam and Howling Mob. It matures about a week after Golden Bantam. A strong grower and very productive. Of excellent quality. Pkt. 10c; lb. 30c; 2 lbs. 60c, postpaid.

No. 361—Evergreen Golden Bantam—

The new variety is a cross between Stowell's Evergreen and Golden Bantam. Lighter in color than Golden Bantam but holds its most delicious flavor and adds the larger and better ears of Stowell's Evergreen. Pkt. 10c; lb. 30c; 2 lbs. 55c, postpaid. Not prepaid, 11 lbs. (peck) \$1.50; 44 lbs. (bushel) \$5.75.

Early Garden or Roasting Ear Corn

No. 395—Vadco Large Adam's—

Ready for table about 68 days after germination. A popular table Corn, and much planted for first crop. Ears of good size, larger than those of the Extra Early Adams, very sweet and prolific. Much planted by market gardeners. Pkt. 10c; lb. 30c; 2 lbs. 50c, postpaid. Not prepaid, 14 lbs. (peck) \$1.25; 56 lbs. (bushel) \$4.25.

No. 398—Vadco Trucker's Favorite—

Trucker's Favorite is an early corn, in fact, earlier than White Dent. It's a beautiful white deep grain corn and produces 2 or more ears to the stalk. It is a splendid roasting ear variety, tender and sweet. See illustration. Pkt. 10c; lb. 30c; 2 lbs. 50c, postpaid. Not prepaid, 14 lbs. (peck) \$1.25; 56 lbs. (bushel) \$4.00; 2 bushels at \$3.75 per bushel.

Seed Pop Corn

No. 399—White Rice—The most popular variety of Pop-Corn. Ears short; kernels long, pointed and resemble rice; hence its name. Has no equal for parching. Pkt. 10c; lb. 30c; 2 lbs. 50c, postpaid.

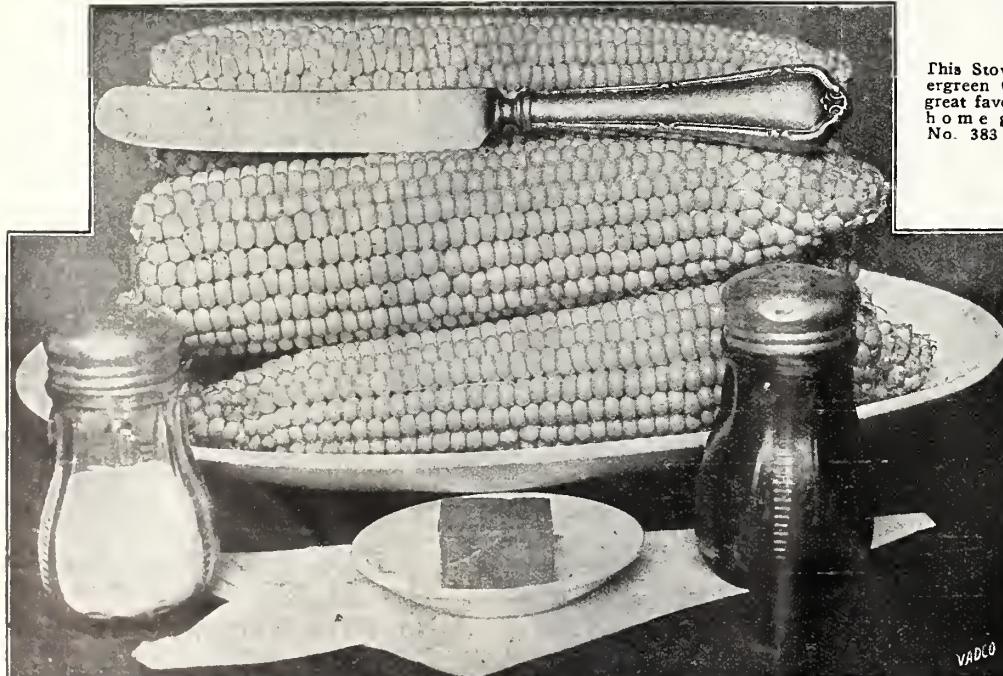
No. 402—Queen's Golden—A large-eared yellow pop corn; grains large, pop perfectly white and are exceedingly tender. We also carry in stock, the entire year, two-year-old Rice Pop-Corn, especially for parching. Pops large and white. Lb. 20c; 2 lbs. 35c, postpaid.

BIG CORN COLLECTION No. 8 FOR 25c

1 Packet Stowell's Evergreen
1 Packet Country Gentleman

1 Packet Golden Bantam
1 Packet Trucker's Favorite

These 4 full size packets all for 25c, postpaid
Order Collection No. 8



Vadco Stowell's Evergreen Sweet Corn No. 383

This Stowell's Evergreen Corn is a great favorite with home gardeners No. 383

Vadco Trucker's Favorite Roasting Ear Corn No. 398

PREMIUMS

Articles needed by every family. See Page 6. Look it over NOW.

CUCUMBERS

Ideal Home Garden and Market Sorts

CULTURE—Cucumbers may be planted here as early as March, or as soon as it can be done with safety, as the plant is very tender and will not bear the least frost. If the ground is deeply trenched, the plant is much less susceptible to drought. Plant in hills 3 to 4 feet apart. The ground should be rich. A little guano or fowl manure, or well-decomposed stable manure will be very beneficial. Do not use fresh manure or the plants will die out. Leaf-mould is excellent. As soon as the vines get rough leaves, nip off the extremities to make them stop and they will fruit the sooner. Cucumbers are subject, in cool, dry seasons, to the attacks of insects, especially the striped bug and cucumber fly. Dry wood-ashes, or air-slacked lime, thoroughly dusted upon the leaves when the dew is on, will generally repel.

No. 447—Money-Maker—We are glad to offer large cucumber growers our wonderful New Cucumber "MONEY-MAKER." This is by far the earliest of all the white spine sorts. The fruits measure 7½ to 8½ inches long and are of the finest extra dark green color from stem to blossom end, and keep green longer than any other variety. It is a vigorous grower, heavy yielder of symmetrical and uniform fruits and has no equal as a shipping variety. If you plant cucumbers and want the best variety for shipping or for home market be sure to plant our NEW MONEY-MAKER this year. Prices: Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.50; 10 lb. lots or over at \$1.25 per lb., postpaid.

No. 413—Vadco Wonder—Our Vadco Wonder Cucumber is an ideal variety for market or home gardens. The fruits measure about 10 inches long and the average weight 2 lbs. The color is a rich deep green and the fruits are uniform in shape and size. Every fruit is shapely and holds its fine cylindrical shape clear to the stem end. The Vadco Wonder is about the same size as the Davis Perfect except its a better cucumber. (See illustration.) Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50, 5 lbs. \$6.50, 10 lbs. \$12.00, postpaid.

No. 446—The Kirby Cucumber—It Stays Green—Originator's Stock. Earliest of the White Spine type; fruit 7 or 8 inches long, cylindrical in shape. Color a beautiful dark green from stem to blossom end, which is retained longer than any variety we know of. Vigorous grower, enormous yielder, shipping quality unexcelled, and always commands the highest market price. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25, postpaid.

No. 439—Klondyke—Matures in about 55 days from germination. Medium early, white spine; variety of handsome, very dark green color and of excellent quality for slicing. The vines are hardy and productive. Fruit is of uniform size and shape and is about 8 inches long. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25; 5 lbs. \$5.50, postpaid.

No. 433—Early White Spine—It is an extra early variety, crisp and tender, holding its fresh, dark green appearance long after being gathered. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25; 5 lbs. \$5.00, postpaid.

No. 419—Long Green Improved—Matures in 80 days. A long variety, 15 to 18 inches long when well grown. Very fine and productive. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

No. 429—Early Fortune—Matures in about 50 days. It is one of the finest extra dark rich green-white spine varieties. The fruits are 8 to 9 inches long, slightly tapering and the flesh is white, fine and crisp. Grown extensively by truckers for shipping to northern markets. Early Fortune is a very heavy yielder and is also popular with home gardeners. Prices: Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25; 5 lbs. \$5.00; 10 lbs. \$9.00, postpaid. Not prepaid, 25 lbs. or over at 85c lb.

Vadco Wonder Cucumber No. 413

Cucumber Collection No. 7

This collection contains 1 packet each Vadco Wonder, Early White Spine, Davis Perfect and Jersey Pickling Cucumbers.

The 4 full size packets mailed postpaid for 25c
Order Collection No. 7



Early White Spine Cucumber No. 433

No. 427—Vadco Davis Perfect—Extra early; long, symmetrical fruits of an intense, deep green color. Has few seeds which, when the cucumbers are at their best, are so small and tender as to be almost unnoticeable. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50; 5 lbs. \$6.50, postpaid.

No. 445—Gherkin, or Burr—(West Indian Gherkin)—Exclusively grown for pickling; the smallest of all; should be picked while young and tender. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

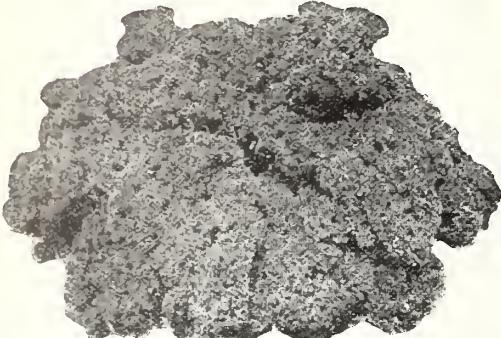
No. 421—Picklers Special Cucumber (Heinz)—A recent introduction and by far the best pickling cucumber we have seen. It is used extensively by the Heinz company. Prices: Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25, postpaid.

No. 415—Jersey Pickling—Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25, postpaid.

No. 442—Japanese Climber—This variety matures in about 60 days. It is very valuable for small gardens, as they can be trained on trellises thereby taking up very little room. The fruits are 10 to 12 inches long and are straight. Prices: Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25, postpaid.

VAN ANTWERP'S MISCELLANEOUS SEEDS

KALE, MUSTARD, ENDIVE, TOBACCO, Etc.



Extra Dwarf Curled Scotch Kale No. 612

Kale or Borecole

Scotch Kale should be sown from the latter part of March to last of August; Siberian Kale from middle of August to last of September. Sow in rows from 2 to 3 feet apart, thinning later to 6 to 8 inches in the row. Cultivate like cabbage. Kale can be sown either in fall or spring.

No. 612—Vadco Extra Dwarf Curled Scotch—

Largely grown for supplying "greens" during the fall, winter and spring. The plants are hardy above zero; frost improves the quality. Our Extra Dwarf Curled is similar but far superior to the old Dwarf Curled Scotch. The broad spreading foliage is very curly and dark green color. It grows close to the ground and retains its dark green color long after cutting and shipping to market. Always brings top prices when shipped because it retains its fresh dark green appearance. Kale is one of the great specialties of the house of Van Antwerp and many of the leading growers depend on our seed because they know it is grown every year from our own private stock seed. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00; 5 lbs. \$4.00; 10 lbs. \$7.50, postpaid.

No. 615—Tall Curled Scotch— The same in appearance as Dwarf Curled Scotch Kale but grows of dark green leaves. Very desirable for home garden use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c; 5 lbs. \$3.00, postpaid.

No. 617—Siberian or German Greens— A very hardy variety sometimes known by the name of Sprouts. Plant in early spring and again in the fall. The leaves are a bluish green and sell readily at market. It is very popular with market gardeners, especially in the north. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c; 5 lbs. \$3.00, postpaid.

No. 618—Spring or Smooth Kale— A hardy, quick growing smooth-leaved variety. The best makes greens earlier than the winter varieties. It has no value as a shipping sort, but there is always a good local market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c; 5 lbs. \$2.00, postpaid.

Mustard Seed

Culture—Sow as early in the spring as the ground will permit, in drills 18 inches apart, covering $\frac{1}{2}$ inch deep. This is grown to quite an extent in the southern states and is sown during fall, winter and spring. It may be used the same as spinach or boiled with meat as greens.

No. 755—Vadco Fancy Curled Mustard— The most beautiful of all curled mustard and sometimes called "Ostrich Plume." Van Antwerp's mustard seed is famous in the south and every year we sell thousands of pounds of this seed. Mustard is boiled for greens or eaten like lettuce. Our Vadco Fancy Curled is very handsome; the rich dark green leaves are of excellent quality. It is a vigorous grower and withstands hot weather better than other varieties. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.00, postpaid.

No. 765—Florida Broad-Leaf— Tall upright growing plants with more leaf growth than other varieties of mustard and remains in condition longer without bolting to seed. A very popular variety in the south. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c; 5 lbs. \$3.00; 10 lbs. \$5.00, postpaid.

No. 761—Chinese Mustard— This variety grows larger than the curled mustard. It is fine for salads or boiling, very tender, mild and practically free from bitter flavor. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c; 5 lbs. \$3.00; 10 lbs. \$5.00, postpaid.



Vadco Fancy Curled Mustard No. 755

Tobacco Seed

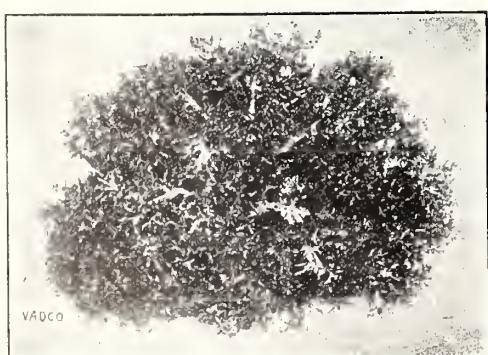
The seed should be sown as early as possible after danger of frost is over. It is customary to burn a quantity of brush and rubbish in the spring on the ground intended for the seed bed; then dig and pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about 6 inches high, transplant into rows 4 or 5 feet each way. Cultivate thoroughly with plow and hoe. Write to the U. S. Department of Agriculture, Washington, D. C., for Farmers' Bulletin No. 571 on "Tobacco Culture," and Farmers' Bulletin No. 120, "The Principal Insects Affecting the Tobacco Plant."

No. 1161—Improved Gold Leaf— A splendid combination of size, weight and quality. The leaf is long, broad, very similar to Warne. Fine texture and cures easily. It has been thoroughly tried out by both growers and manufacturers; one of the best of the bright tobaccos. Prices: Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 70c; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00.

No. 1163—White Burley— A heavy yielder of rich, bright leaf, large, long and broad. Should be grown only on limestone soil. Prices: Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50, postpaid.

No. 1165—Warne— Has no superior for bright wrappers. The leaf is large, of good breadth, tough and silky. Among the most generally grown tobaccos and one of the most popular and satisfactory. Prices: Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

No. 1167—Yellow Pryor— Makes a fine wrapper, cutter, filler or smoker, and on rich red land will make a mahogany of the finest quality and almost as dark and heavy as Blue Pryor. Has a good body, an exceptionally fine grain and silky appearance. Adapted to gray land with red subsoil. Prices: Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.



Green Curled Endive No. 603

Endive

CULTURE—A salad plant that is very popular and much cultivated for the market principally for summer use. Sow in drills a foot apart; or it can be sown thinly broadcast and transplanted, the same as lettuce. When the leaves are about 8 inches long, tie them up for blanching. This can be done only in dry weather. The cut, curled and frilled leaves are very ornamental when fully blanched and are frequently used for garnishing. It is also used for flavoring soups and the young, tender leaves are delicious when cooked as greens.

No. 603—Vadco Green Curled— Most popular variety among the market gardeners. Beautifully curled leaves, blanching very easily; very crisp and tender. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50; 5 lbs. \$6.00, postpaid.

No. 605—Broad-Leaved Escarole— Of the same good qualities as the foregoing. Leaves broader and less curled. It does not stand the heat so well as the curled, and is therefore more used for fall and winter. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25; 5 lbs. \$5.00, postpaid.



MISCELLANEOUS SEEDS for YOUR GARDEN

PARSLEY, KOHL-RABI, SALSIFY, HERBS, Etc.

Kohl-Rabi



Early White Vienna Kohl-Rabi No. 619

CULTURE—Sow either broadcast or in drills, afterward thin out to 1 foot apart, or transplant to the same distance. Sow in August and September and again from January till April. The edible part is the turnip-shaped bulb formed above the ground. It is tender and excellent when used before fully grown, combining somewhat the flavors of cabbage and turnip.

No. 619—Early White Vienna—The only variety planted in the South. Excellent for the table. Large, light green head and short leaves. See illustration. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50, postpaid.

No. 620—Early Purple Vienna—Very early, with small top, the leaf stems being tinged with purple. Bulbs of medium size, purple; flesh white. Desirable for forcing and early outdoor planting. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50, postpaid.

PLEASE
USE THE
ORDER-
FORM
AND
ORDER BY
NUMBER
★

Parsley

One ounce for 150 feet of drill.

CULTURE—Can be sown during the fall from August to October, and during spring from the end of January to the end of April. It is generally sown broadcast. Soak the seed for twenty-four hours and mix with sand; it is very slow to germinate and sometimes remains in the ground from four to five weeks before making its appearance.

No. 797—Vadco Double-Curled—

Plants of dwarf compact growth, and the young leaves have the edges heavily crimped, giving a general appearance of coarse moss. Used by market gardeners. Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 85c; 5 lbs. \$3.75, postpaid.

No. 801—Champion Moss Curled—

Sixty-five days to cutting. Especially recommended for market gardeners, as it stands the winter well; is of strong growth, beautifully curled. Pkt. 10c; oz. 15c; 1/4 lb. 30c; lb. 85c; 5 lbs. \$3.75, postpaid.

No. 795—Plain, or Single Parsley—

Seventy days to cutting. The hardest variety; foliage very dark green, with plain leaves. Pkt. 5c; oz. 15c; 1/4 lb. 25c; lb. 85c; 5 lbs. \$3.75, postpaid.

No. 802—Hamburg, or Parsnip-Rooted—

This variety is grown for the roots, which mature early, are short, thick and in appearance like a parsnip, although smaller. Flesh is white, a little dry and flavored somewhat like parsnips. Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. \$1.00.

Herbs for Your Garden

Aromatic Herbs are those which possess medicinal as well as culinary properties, and should be found in every garden. They impart a pleasant, spicy color, and are quite savory to the taste. To secure the herbs for use, cut them on a sunny day, and spread thinly in the shade to dry.

No. 1117—Anise—For garnishing cordials and flavoring. Pkt. 10c; oz. 30c; 1/4 lb. 90c.

No. 1147—Basil Sweet—The leaves and tops are used for soups. Pkt. 10c; oz. 25c.

No. 1121—Borage—The leaves are used in salads or boiled like spinach. Pkt. 10c; oz. 20c.

No. 1123—Caraway—The aromatic seeds are used in bread and for medicine. Pkt. 10c; oz. 20c; 1/4 lb. 60c.

No. 1122—Catnip—Used for seasoning and bee food. Pkt. 10c; 1/2 oz. 50c.

No. 1127—Coriander—For garnishing; seeds aromatic. Pkt. 5c; oz. 15c; 1/4 lb. 40c.

No. 1129—Dill—The aromatic leaves are used in pickles, soups, preserves, etc. Pkt. 10c; oz. 15c; 1/4 lb. 45c.

No. 1149—Fennel Sweet—Used for flavoring. Pkt. 10c; oz. 25c.

No. 1131—Hoarhound—Pkt. 10c; 1/2 oz. 25c.

No. 1135—Lavender—An aromatic herb, emitting a delightful perfume. Pkt. 10c; 1/2 oz. 25c.

No. 1151—Marjoram Sweet—The leaves and shoots are used for seasoning. Pkt. 10c; 1/2 oz. 35c.

No. 1137—Rosemary—Used for seasoning. Pkt. 10c; 1/2 oz. 35c.

No. 1143—Sage—Used both green or minced dry for seasoning. Pkt. 10c; oz. 40c; 1/4 lb. \$1.25.

No. 1145—Summer Savory—For flavoring soups and dressings. Pkt. 10c; oz. 25c.

No. 1153—Thyme—Broad leaved—grown by market gardeners and sold at local markets. Very popular herb. Pkt. 10; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50.

No. 1155—Wormwood—Pkt. 10c; 3 pks. 25c.

Miscellaneous Seeds

No. 966—Sorrel—Planted in drills a foot apart during the fall of the year and thinned out from 3 to 4 inches in the drills. It is used for various purposes in the kitchen; also in soup and salad. Cooked like spinach. Pkt. 10c; oz. 25c; 1/4 lb. 75c, postpaid.

No. 321—Chicory, Large, Large-rooted, or Coffee—The roots are cut in thin slices, roasted and used as coffee, for a beverage. The leaves make a good salad. Pkt. 10c; oz. 25c; 1/4 lb. 75c, postpaid.

No. 322—Chicory Witloof—See illustration. Pkt. 10c; oz. 25c; 1/4 lb. 75c, postpaid.

No. 325—Chives or Cives—A hardy perennial plant of the Onion tribe, growing in nests. The bunches are made up of a mass of little bulbs. Pkt. 10c; 1/2 oz. 35c; oz. 65c, postpaid.

No. 335—Corn Salad—Sown broadcast from October to February and used as a salad. Very often when heavy frost kills the lettuce this little plant furnishes the only salad in the market. Pkt. 10c; oz. 15c; 1/4 oz. 50c, postpaid.

Cress—Sown broadcast from early fall until February and March. Much used for salad.

No. 344—Upland—The only one planted for our market. Pkt. 10c; oz. 25c; 1/4 lb. 75c, postpaid.

No. 342—Water—Can be sown only by the side of running water or near springs. Pkt. 10c; oz. 40c; 1/4 lb. \$1.25, postpaid.

No. 291—Cardoon Large Spanish—Large, fleshy leaved. The stalks, rendered white and tender by blanching, are used in stews, soups and salads. Pkt. 10c; oz. 35c; 1/4 lb. \$1.25, postpaid.

No. 317—Chervil—A small plant resembling parsley, much used in oyster soup. Pkt. 10c; oz. 25c; 1/4 lb. \$1.25, postpaid.

No. 449—Dandelion, Thick Leaf—A very early and healthful salad. Sow early in drills, 18 inches apart. Pkt. 10c; oz. 15c; 1/4 lb. \$2.50, postpaid.



Witloof Chicory No. 322



Topepo No. 1075

VAN ANWERP'S LETTUCE SEED FOR SOUTHERN PLANTERS

1 Head of VADCO ICE-BERG LETTUCE No. 649



Our Garden Guide goes free with all orders for one dollar or over when you ask for it.

Van Antwerp's Succession Collection of 4 Best Head Lettuce No. 9

Here is a splendid collection which will supply you with a succession of fine head lettuce all through the season:

Vadco Big Boston
Mignonette

ONE PACKET EACH
Of these 4 choice varieties will be mailed postpaid for

25c

Collection No. 670

New York
Vadco Iceberg

ONE OUNCE EACH
Of these 4 choice varieties will be mailed postpaid, for

60c

Collection No. 673

MULCH PAPER

Gator-Hide Mulch Paper is offered for the first time this year. It is essentially an agent for increasing soil warmth, soil temperature and for eliminating the drudgery of weeding and cultivating. It adds heat units to and conserves moisture units in the soil. The use of Mulch Paper greatly increases yield and crops reach maturity far in advance of the unmulched crops. It will increase the yield of nearly every variety of vegetable and flowers and is especially recommended for the following vegetables—Snap Beans, Beets, Carrots, Cucumbers, Sweet Corn, Squash, Cantaloupes, Watermelons, English Peas, Lima Beans, Cabbage, Lettuce, Tomatoes, Egg Plants, Peppers, etc. It is very easy to use the paper—just apply to the soil surface, only after proper preparation of the fields to insure proper tilth. The paper is unrolled over or between the prepared plant beds so that it lies in direct surface contact with them. Where the crop is drilled a space of about two inches should be left between the strips of paper. The paper can be fastened to the ground in many different ways.

Write for a free copy of our 31-page book "THE MIRACLE OF MULCH PAPER" which is illustrated and tells all about the value of Mulch Paper besides how to use it.

Mulch Paper—(Light weight roll for annual crops)—18 inches wide, 300 yards long. Price \$3.50 per roll. 36 inches wide and 300 yards long. Price \$7.00 per roll.

Mulch Paper—(Heavy weight for perennial crops)—18 inches wide, 150 yards long. Price \$3.50 per roll. 36 inches wide and 150 yards long. Price \$7.00 per roll.

One ounce will produce 3,000 plants. Three pounds to acre. Forty to fifty days from seeding to maturity.

CULTURE—Lettuce is sown here during the whole year by the market gardeners. Of course, it takes a great deal of labor to produce this vegetable during our hot summer months. The richer and better the ground, the larger the head will be. No finer Lettuce is grown anywhere than in Mobile during the fall and spring. The seed should be sown broadcast; when large enough plant out in rows 1 foot apart and from 8 to 10 inches apart in the row.

No. 639—Vadco Selected Big Boston—A solid head of great size. Has very few wasted leaves; indeed, the plant is nearly all heart, exceedingly crisp and sweet. Well adapted for spring and fall culture and for forcing in cold-frames thousands of acres of it are grown during the winter in Florida and Southern States for shipping to Northern markets. Without doubt, Big Boston is the most popular Head Lettuce for shipping at this time. (See illustration.) Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50; 5 lbs. \$6.25. postpaid.

No. 644—White Cabbage Head—Matures in 45 days. Medium size; round in leaf and head; smooth, compact and firm; always heading and slow to shoot to seed—qualities which commend themselves to all who aim to raise Lettuce. Second-early in maturity. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid.

No. 659—New York or Wonderful Lettuce—A grand head lettuce, excellent for furnishing fine, crisp lettuce during the spring. Plants are rich green, growing more than 15 inches in diameter. A quick seller in the markets because of its crispness and excellent flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid.

No. 664—Paul's Hard Head—Matures in 40 days. A very early new variety, forming fine hard heads within a few weeks after planting. Medium sized, light green, with buttery, crisp leaves. Best of the smooth-leaved varieties. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00, postpaid.

No. 657—Mignonette—A small, sturdy, all-head Lettuce; the hearts yellow, tender and crisp; outside leaves tinged russet. It is very early, hardy, long-standing, and fine for late fall crops in cold-frames. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$2.00, postpaid.

No. 649—Vadco Iceberg—A beautiful variety, being exceedingly crisp and tender, growing a long time before running to seed. A hard header. Splendid for either open ground planting or for forcing under glass. Heads of conical shape and medium size. Heads tightly folded and blanched to a beautiful white. See illustration. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00; 5 lbs. \$8.50, postpaid.

No. 633—Early Curled Simpson—Matures in 40 days. Makes a curly, loose head, crisp and tender, color very light green, unspotted. Seed white. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid.

Other Good Varieties of Lettuce

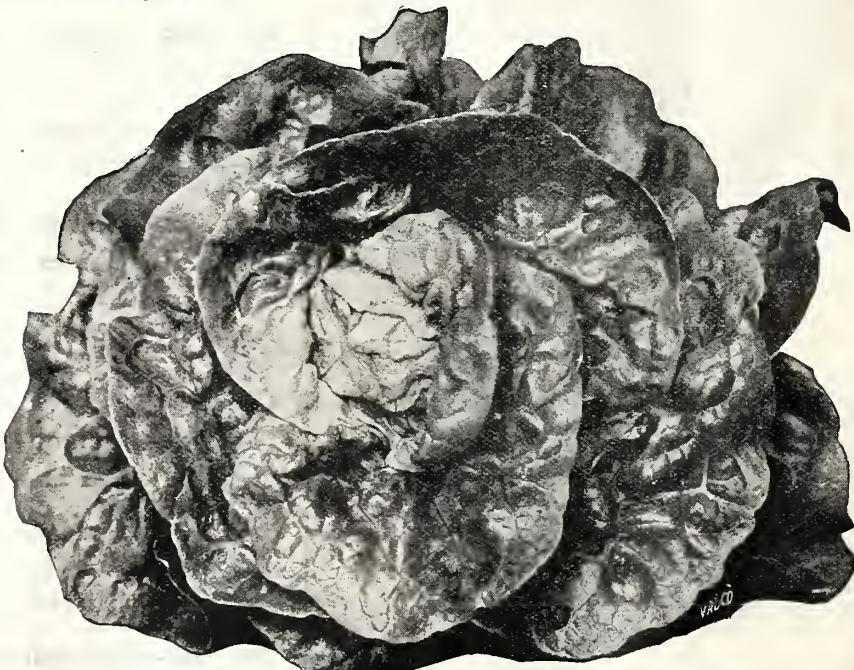
No. 641—California Cream Butter
No. 635—Black Seeded Simpson
No. 647—Hanson

No. 629—Grand Rapids
No. 655—May King
No. 661—Salamander

Price above 6 varieties: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid.

Romaine or Cos Lettuce

No. 669—Paris Cos—Strong and upright, producing long leaves, which should be tied up and blanched before cutting, which makes them very crisp and tender. They are quite hardy and will force well. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00, postpaid.



Vadco Selected Big Boston Lettuce No. 639. The Market Gardeners' Favorite Lettuce

MUSKMELONS or CANTALOUPES

One ounce to 60 hills. Four pounds to acre
CULTURE—Sow in hills 5 feet apart; dig into each hill, one or two shovelfuls of well-rotted manure; plant ten to twelve seeds in each hill, but do not allow more than four plants to grow. They should be worked the same as cucumbers until the vines cover the ground. Never plant them near cucumbers, squashes or pumpkins, as they hybridize very easily and lose their flavor.

No. 677—Vadco Eden Gem (Green Fleshed)—The real money-making variety for the shipper and market gardener as well as the most satisfactory of all for home use. It gives perfect satisfaction to all who grow it. Its dense netting helps greatly in resistance to insect attacks. The flesh is green, lusciously sweet and melting; it can be eaten close to the rind. The seed cavity is extremely small. The average weight of the melon is about one and one-half pounds, and the largest per cent of the crop is of such size as to pack 45 melons to the standard crate. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50; 5 lbs. \$7.00, postpaid.

No. 678—Texas Cannonball Cantaloupe—Medium in maturity and size and of round shape. In flavor it is first-class, and its dense netting makes it almost sun and insect-proof, this being an immense advantage where insects are troublesome and melons liable to sunscald. It is almost all meat; seed cavity small. Very prolific and hardy. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.

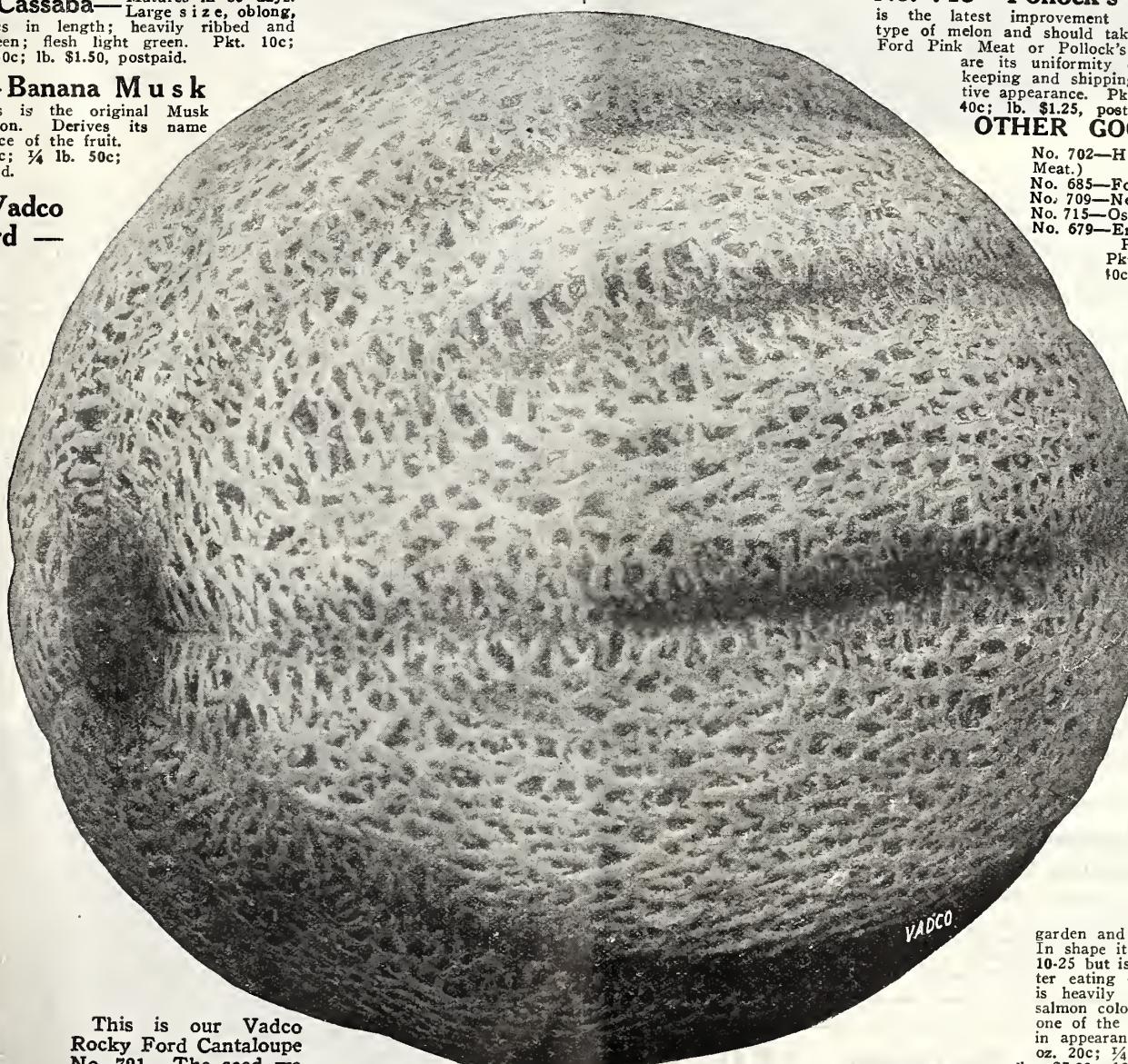
No. 686—Junior Rocky Ford Selected—Two weeks earlier, a little larger, twice as productive as the old Rocky Ford. Rust and blight resistant. Its netting is close and deep, thoroughly covering the melon, making it a good keeping and shipping variety. The seed cavity is small and the attractive green flesh is thick, smooth and firm and of a deliciously sweet and juicy flavor. It is a wonderful yielder and will develop shipping fruits about two weeks before the Rocky Ford. Price—Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00; 5 lbs. \$8.00, postpaid.

No. 681—Cassaba—Matures in 85 days. Large size, oblong, 12 to 15 inches in length; heavily ribbed and netted; skin green; flesh light green. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid.

No. 674—Banana Musk Melon—This is the original Musk Melon. Derives its name from the fragrance of the fruit. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid.

No. 721—Vadco Rocky Ford—

Matures in 65 days. Market gardeners' private stock. Perfect type and strain of Rocky Ford Melon, grown at Rocky Ford, Colorado, by the best Melon growers and has been grown here in the vicinity of Mobile with great satisfaction. The flesh is green, thick, with small cavity, very sweet and has that spicy flavor that makes a cantaloupe so delicious. The Melons are oval shaped, slightly ribbed, well covered with fine netting, and are uniform in size and shape. See illustration. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00; 5 lbs. \$4.00, postpaid.



This is our Vadco Rocky Ford Cantaloupe No. 721. The seed we offer is the original pedigree true strain.

No. 724—Honey Ball (New)—The Honey Ball Melon is the result of crossing the Texas Cannon Ball Cantaloupe and the California Honey Dew Cassaba Melon. Honey Ball resists sun scald better than most other melons. It averages a little larger than the Rocky Ford. It is as round as a ball and has a very thick wall of delicious green meat clear to the rind. The seed cavity is very small. It has a high sugar content and a delicious flavor. Color, greenish white. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00, postpaid.

No. 705—Hearts of Gold—Hearts of Gold Cantaloupe combine the heavy netting and thin rind of the Netted Gem type of Rockyford. It is about 25 per cent larger than the standard Rockyford type. Prices: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.

No. 683—Extra Early Hackensack—Matures in 65 days. A fine early Cantaloupe, which has become one of the most popular of the market sorts. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.

No. 689—Golden Netted Gem—Matures in 70 days. One of the earliest; globular in shape, very uniform in size and weight, weighing from 1 to $1\frac{1}{4}$ pounds each; flesh light green and of a very fine flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid.

No. 701—Vadco Honey Dew—The average size of the melon is 8 to 12 inches in length, weight 8 to 12 pounds. The skin is very smooth with an occasional net; it is creamy white when ripe. The flesh is an emerald green, very thick, melting and fine grained. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid.

No. 719—Pollock's 10-25—Pollock's No. 10-25 is the latest improvement or selection in this type of melon and should take the place of Rocky Ford Pink Meal or Pollock's No. 25. Its merits are its uniformity, of size of fruit, fine keeping and shipping qualities and attractive appearance. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.

OTHER GOOD MELONS

No. 702—Honey Dew (Pink Meat.)

No. 685—Fordhook

No. 709—New Knight

No. 715—Osage or Miller's Cream

No. 679—Emerald Gem

Price above 5 varieties:
Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.

No. 700—Mellobite Cantaloupe

This wonderful melon was introduced by us four years ago and has steadily gained in popularity. It is an early variety, very sweet, widely ribbed and well netted, with small seed cavity. Mellobite is a heavy yielder of even sized melons producing as many as eleven melons to one vine. It is unsurpassed for home gardens or market. Prices: Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00; 5 lbs. \$12.50; 10 lbs. \$22.50, postpaid.

No. 702—Hale's Best

A very early salmon-fleshed melon of wonderful eating quality. It is largely grown in the south for both home garden and market, also shipping. In shape it resembles the Pollock 10-25 but is much larger and better eating qualities. Hale's Best is heavily netted, beautiful thick salmon colored meat and certainly one of the most attractive melons in appearance. Prices: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50; 5 lbs. \$7.00; 10 lbs. \$13.00, postpaid.

Special Cantaloupe Collection No. 10 for 25c

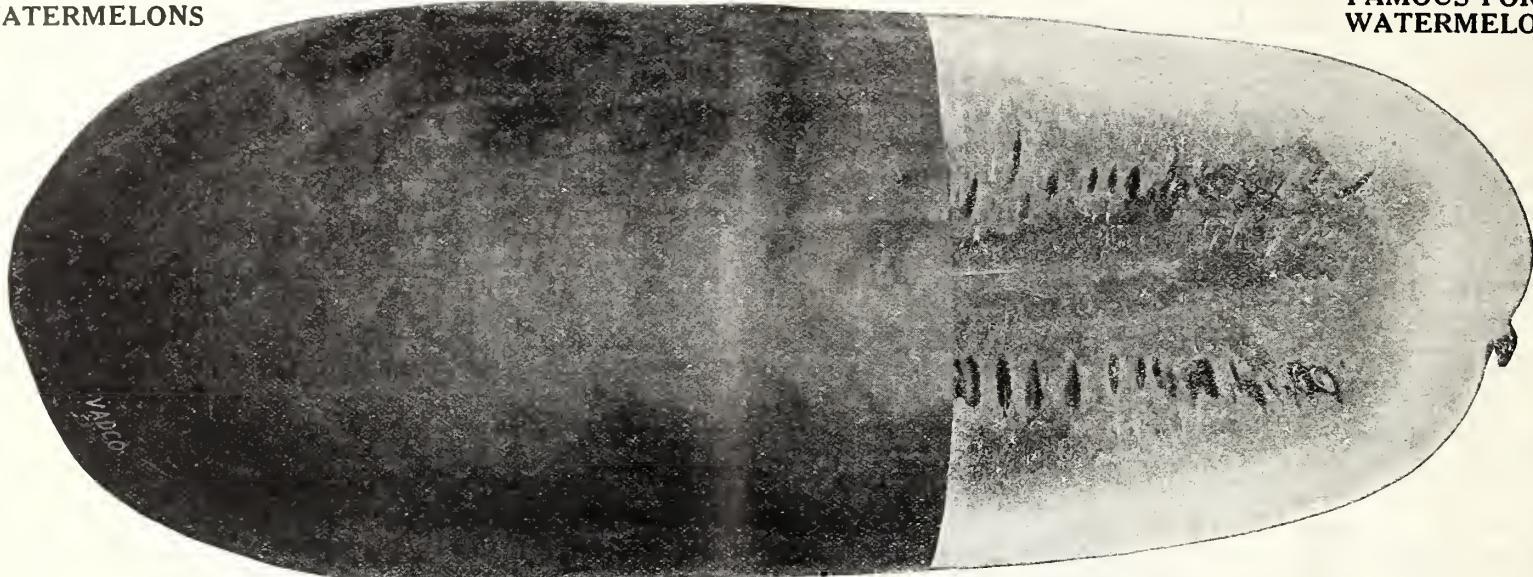
This splendid collection of choice cantaloupes contains 1 packet each of the following sorts: Vadco Rocky Ford, Vadco Eden Gem, Honey Dew and Early Hackensack. The 4 full packets for 25c, postpaid. Just order collection No. 10.



WATERMELON SEED

VAN ANTWERP'S
FAMOUS FOR
WATERMELONS

VAN ANTWERP'S
FAMOUS FOR
WATERMELONS



Van Antwerp's New Wondermelon No. 734

For many years Van Antwerp's Seed Store has been known for the famous Watermelon seed they always produced. This enviable reputation has not come to us easily but is the result of years of labor and expense in re-selecting our stocks and saving seed from only fully matured melons that are true to type. Many of the largest and most successful watermelon growers in the South depend every year on their supply of seed from us. We have hundreds of letters of praise from growers in all sections which space does not permit us to reproduce. You can be assured of the best in Watermelon seeds when you order from the great seed house of Van Antwerp.

One Ounce for 30 hills. Four pounds to acre.

CULTURE—The same as for Muskmelon, except that the hills should be not less than 8 feet apart and not over three plants allowed to remain in each hill. Select light, sandy soil. The number of valuable varieties for marketing and shipping is limited, many old varieties having been dropped by growers as useless.

No. 734—Van Antwerp's New Wondermelon—The New Wondermelon has gained in popularity in recent years and is now planted by many of the large melon growers in the South. It is a white-seeded melon, grows uniformly large and long, resembles the Tom Watson, but is a thicker, more solid and usually larger and heavier. Melons weighing 40 to 50 pounds are not unusual and many prize winning weights have been reported. Every bit of the brilliant red flesh of this melon is sweet to the rind; it is free of cores or hard centers and the rind is thin, yet sufficiently tough to stand ordinary handling. The melon is a dark glossy green with small crease like markings on the larger sizes, a most attractive product for market display. We can strongly recommend this melon but advise intending planters to be sure and get the true stock direct from Van Antwerp's. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; lb. \$1.25; 5 lbs. \$5.00; 10 lb. lots or over at 80c lb.; 25 lbs. or over at 70c lb., postpaid.

No. 753—Van Antwerp's Crawford—Introduced by us in 1915 this melon is largely planted in the vicinity of Mobile. It is a large dark green melon but we do not recommend it for shipping as the rind is not very thick, although it has been shipped by many of the growers. The flesh is a rich red, very sweet and tender and Crawford is certainly one of the finest flavored melons grown. It is ideal for home gardens and nearby markets. The melons usually weigh 40 or 50 lbs. Give it a trial. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; lb. \$1.25; 5 lbs. \$5.00; 10 lbs. \$10.00, postpaid.

Van Antwerp's Small Garden Watermelon Collection No. 11 { 25c

This collection of selected Watermelon seed contains five packets of the following choice varieties:

One full package each: New Wondermelon, Vadco Kleckley Sweet, Irish Grey, Georgia Rattlesnake and Stone Mountain.

The five packets for 25c, postpaid.

Order Collection No. 11

Van Antwerp's Big Garden Watermelon Collection No. 12 { 50c

This collection of choice Watermelon seed contains five full ounces of the following famous varieties:

One ounce each: Vadco Tom Watson, Vadco Kleckley Sweet, Alabama Sweet, Stone Mountain and Wondermelon.

The five ounces for 50c, postpaid.

Order Collection No. 12

No. 754—New Stone Mountain—A beautiful large round melon gaining in popularity each year. Stone Mountain is the sweetest of all watermelons and is almost round in shape. It's deep dark green color and rich scarlet flesh make it a ready seller. It weighs 50 to 80 lbs. and always brings the highest price at local and nearby markets, but we do not recommend it for long distance shipping. It is remarkable for the few seeds it contains and its unusually solid, good, rich meat. Stone Mountain is very prolific, a splendid drouth resister and will produce a crop of melons at a time when melons are frequently scarce. This is certainly the finest large round melon ever introduced and we hope those who have not grown this variety before will give it a trial this year. Our stock of this variety is extra selected and true to name. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; lb. \$1.25; 5 lbs. \$5.50; 10 lbs. \$11.00; 25 lbs. or over at \$1.00 lb., postpaid.

No. 736—New Radio—This is unquestionably one of the finest watermelons ever introduced. It measures 26 to 28 inches in length, is dark green outside striped lighter green. The rind is medium thick and the meat is a bright red, very sweet. It is entirely free from hard centers and a good long distance shipping variety. New Radio melons average 40 lbs. each. You will be delighted with Van Antwerp's selected stock of this splendid melon. Prices: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25; 5 lbs. \$5.00, postpaid.

No. 749—Vadco Selected Tom Watson—Our selected stock of this old time favorite is largely planted by the truckers of the South for shipment to northern markets. The melons are long, average large size, splendid shipper and excellent for table. The flesh is bright red, very sweet and tender. Strong elastic rind makes it a good shipper. We select our stock seed of this variety with great care as our records show that the average seed offered of this variety is "run-out" inferior stock. Get the best, it costs no more from Van Antwerp's. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. \$1.00; 5 lbs. \$4.00; 10 lbs. \$7.50, postpaid.



New Stone Mountain Watermelon No. 754



WATERMELON SEED

No. 735—Halbert Honey—The Halbert Honey is claimed to be the sweetest of all melons and we can recommend it for its rich, fruity flavor. It is entirely free of fibrous substances. A really delicious melon that matures early, is very prolific and grows a good size. The flesh is rich crimson and the rind thin and brittle, which makes it a local market melon. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00; 5 lbs. \$4.50, postpaid.

No. 733—Florida Favorite—Matures in 90 days. prolific, and very fine for table; yet it is as good for shipping as Rattlesnake; more than medium size; colored with light and dark green stripes alternately; flesh deep red, deliciously sweet, firm and crisp. One of the best melons. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00; 5 lbs. \$4.50, postpaid.

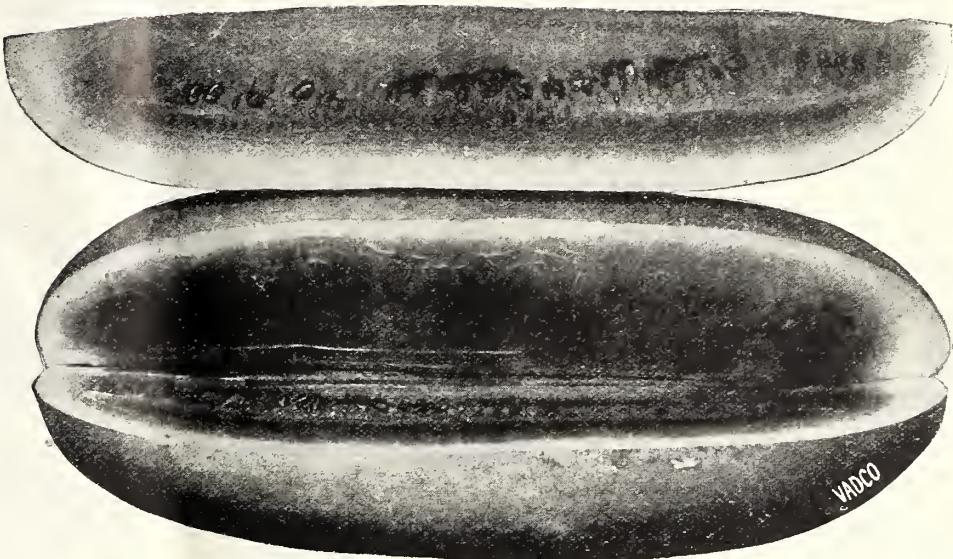
No. 739—Vadco Improved Kleckley's Sweet—The seed we offer of this fine variety is the new improved Kleckley Sweet which compares very favorably with the Wondermelon in size and quality. We get our seed of this wonderful melon direct from the originator, Mr. Kleckley, which is the only true stock. Matures in 80 days. One of the earliest melons to ripen and one of the sweetest and best flavored. It is hard to beat; is splendid for home use and market. Large size, handsome appearance and superior quality. Melons grow 18 to 24 inches in length and 10 to 12 inches through; rind dark green; flesh bright scarlet, with broad solid heart, extra sweet, melting and crisp, being entirely free from stringiness. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00; 5 lbs. \$4.00; 10 lbs. \$7.50; 25 lbs. at 60c per lb., postpaid.

No. 746—New Perfection—Mr. Halbert, a famous watermelon grower, is the originator of this New Perfection Melon. He introduced it about 3 years ago and after careful tests we found it to be a very fine melon and decided to list it in our catalog. The New Perfection is a large melon weighing from 50 to 75 lbs. It is oval or oblong in shape, rather thin rind, but very tough, and will not crush or crack when shipped. The flesh is dark red, very sweet and free from fiber or strings. It is an ideal melon for both home and market and its beautiful shape and color make it extremely attractive. Crop failed, no seed to offer this year.

No. 737—Irish Grey—A distinct and valuable new variety producing more good merchantable melons under the same conditions than any other variety; the eating quality is unbeatable. The sparkling red flesh is very sweet and entirely free from stringiness. One of the finest for home gardens or shipping. The rind is a mottled light gray-green color and very tough. This is certainly an attractive melon in appearance and delicious flavor. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00; 5 lbs. \$4.00; 10 lbs. \$7.50, postpaid.

No. 738—Thurmond Gray—Thurmond Gray is a long thick melon color which does not sunburn like many other varieties. The melons grow uniform and are the same size at both ends. Thurmond Gray melons weigh from 25 to 70 pounds and are one of the best melons for home gardens or market. The flesh is fine grained, free from strings, crisp and tender. This is an excellent shipper and always attracts attention at market on account of its unusual color. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00; 5 lbs. \$4.50; 10 lbs. \$8.00, postpaid.

No. 745—Georgia Rattlesnake, or Striped Gypsy—Matures in 85 days. Of large size, light green, with large, dark stripes. Fine market variety. It stands transportation better than most other kinds; a favorite with market gardeners. The seed we offer of this variety is grown especially for us. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c, postpaid.

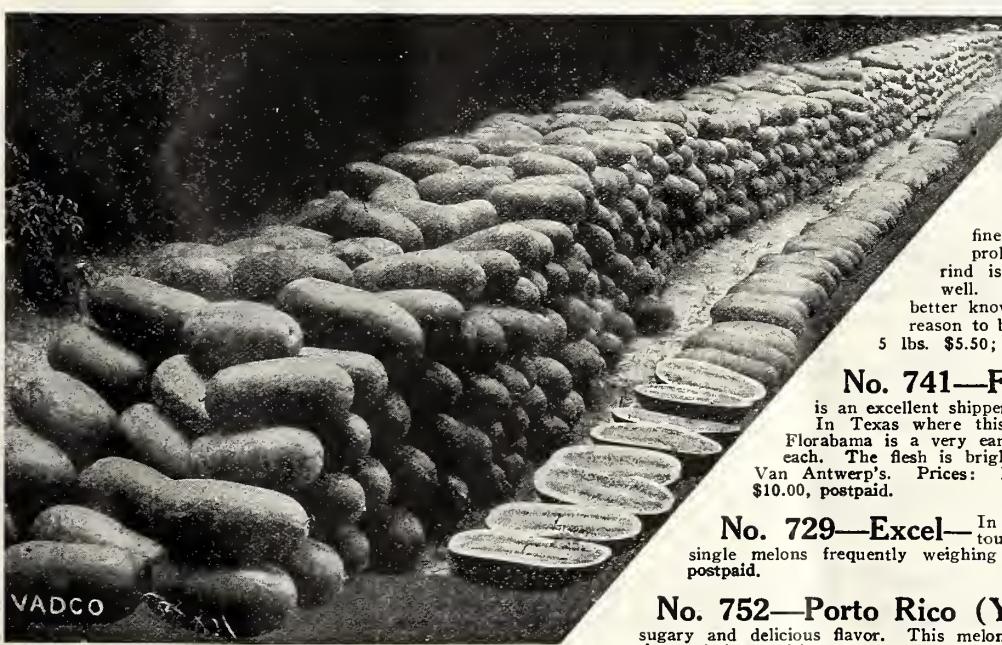


Vadco Kleckley's Sweet Watermelon No. 739

No. 727—Alabama Sweets—An old time favorite and still largely grown in the South. It is very desirable for home gardens and market. A heavy yielder and has good keeping qualities. The melons average 40 lbs. and melons weighing as high as 75 lbs. are not unusual. The outer skin is dark green and the flesh bright red, tender, sweet and fine flavored. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00; 5 lbs. \$4.00; 10 lbs. \$7.50, postpaid.

MARKET GARDENERS AND TRUCKERS

Market gardeners and truckers who buy seeds in large quantities should write us for special quotations on their requirements. Send us a list of all the seeds you want for 1929 planting and we will quote you very attractive prices for quantity lots. We would supply only high grade stocks on your order, the same quality that has satisfied the most critical market gardeners of the South for the past 50 years. Our stocks are extra selected and thoroughly tested and you can order with every confidence of receiving the best that money can buy. Many of the South's most successful market gardeners depend on Van Antwerp for their entire requirements in seed every year.



Schochler Watermelon No. 731. A Big Fine Flavored Melon

No. 731—Schochler—Of recent introduction the Schochler is really a remarkable melon. It grows to an immense size, single specimens weighing as high as 80 lbs. and car load lots averaging 50 lbs. each. If your market demands an unusually large melon, by all means plant Schochler. You will note from the photo on this page the big pile of Schochler Watermelons, ready to save seed for Van Antwerp's. We use extreme care in selecting our Watermelon seed and this is just one of the many reasons why our Watermelon seed enjoys such an enviable reputation. Schochler is a rich green melon with dark red meat, fine grained, no white parts and delicious flavor. It is not a very prolific sort and usually produces 3 or 4 melons to the vine. The rind is medium thick but strong and withstands shipping remarkably well. Our seed supply is limited until this splendid melon becomes better known in the South and the demand increases, which we have every reason to believe it will. Prices: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25; 5 lbs. \$5.50; 10 lbs. \$10.00, postpaid.

No. 741—Florabama—This melon has been grown for a number of years in the Southwest especially in Texas. It is an excellent shipper as the rind is thick and usually brings top prices when shipped. In Texas where this variety originated, hundreds of cars are shipped every season. Florabama is a very early variety and grows large many melons weighing 60 to 70 lbs. each. The flesh is bright red, tender, sweet and fine flavored. Order early direct from Van Antwerp's. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; lb. \$1.25; 5 lbs. \$1.50; 10 lbs. \$10.00, postpaid.

No. 729—Excel—In appearance it strongly resembles the Watson, has a very thin, tough rind, is uniformly large, averaging from 40 to 60 pounds, single melons frequently weighing 75 to 80 pounds. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid.

No. 752—Porto Rico (Yellow Flesh)—Be sure to try this splendid new Yellow fleshed watermelon. The flesh is tender, sugary and delicious flavor. This melon is oblong in shape and the outer skin is dark green with light stripes. Prices: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50, postpaid.

No. 751—Citron—This is a melon for sweet pickles. Do not plant close to watermelons, for they will cross and ruin the watermelons. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, postpaid.

ONION SEED

CULTURE.—In this latitude, the seed should be sown from September 15th to about October 10th; if sown earlier, a good many will throw up seed-stalks, which impairs the keeping quality of the Onion. Sow the seed broadcast; protect the seedbeds by using sacks for covering the beds. When the seed is coming up, in seven or nine days, the cover has to be removed entirely, but if the weather is dry, the watering has to be continued. They thrive best in loamy soil. When the plants have reached the size of a goose quill, they are transplanted into rows which may be from 1 to 2 feet apart, according to the method of cultivation, and about 5 or 6 inches apart in the rows. The ground should be thoroughly prepared before setting out the plants.

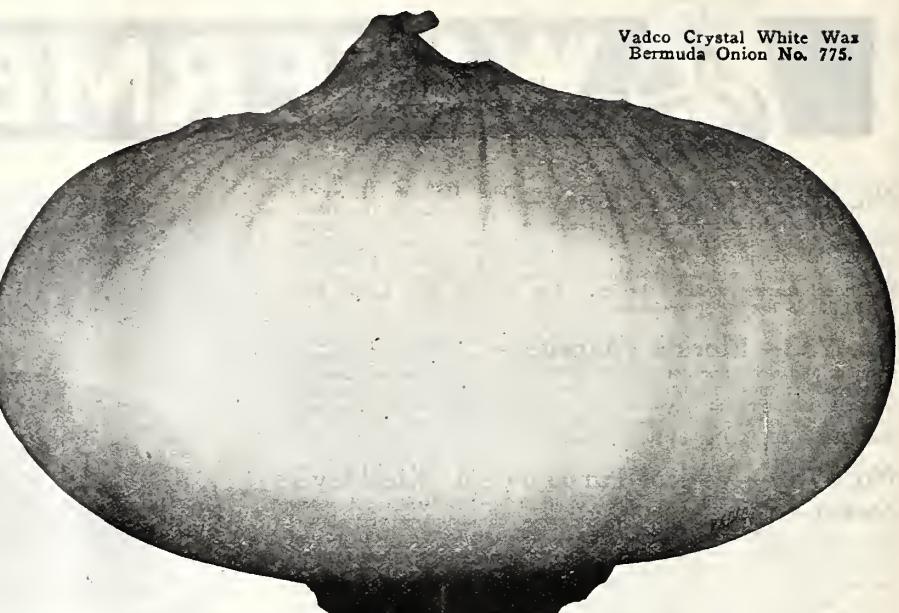
No. 787—Vadco Prizetaker—The largest and handsomest Yellow Globe Onion. They attain immense size, fifteen inches in circumference being often attained. To reach this size it is necessary to start them early in hotbeds and transplant so they may have a long season to reach their mature size. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$2.75, postpaid.

No. 790—Australian Brown—An early and very hardy variety. Should be planted early, on low, wet grounds to get large bulbs. The skin is thick and the color is a rich brown. Is especially noted as a long keeper, as it keeps well into spring and much longer than other varieties. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid.

No. 784—Vadco Red Creole—The outer skin is a light red color; very firm, sweet and tender. Though it is somewhat stronger, perhaps, than the Bermuda, lovers of Onions pronounce its flavor superb. It will keep a year if properly handled. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid.

No. 793—White Portugal or Silverskin—Early ripening, of clear, silvery white color. Very mild flavored and extensively grown for pickling. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50, postpaid.

No. 785—Yellow Globe Danvers—A standard sort and one of the most desirable; an excellent keeper and very productive. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid.



No. 775—Vadco Crystal White Wax Bermuda—(Teneriffe grown)—The only Pure White Bermuda Onion, thus making a ready seller in the retail market. Except in color it is identical with the other Bermudas, having all those desirable qualities of the older sorts combined with much more handsome appearance. Seed of this variety is always in short supply, as it is a very light seeder. (See illustration.) Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00, postpaid.

No. 786—Yellow Bermuda—The standard variety for shipping, flat in shape, growing 3 to 4 inches in diameter, very sweet and mild. (Teneriffe grown.) Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$3.00, postpaid.

No. 792—Red Bermuda—Same as White Bermuda, only pale red in color. These two Onions are so mild in flavor that they can be eaten raw. (Teneriffe grown.) Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$3.00, postpaid.

No. 777—Red Wethersfield—Grows to full size the first season from seed; almost round, large size, deep red color and keeps well. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid.



Van Antwerp's Onion Sets Are Re-cleaned.

THE CUSTOMER'S OPINION

Some of my tomato vines were as high as my head, and were the comment of all my neighbors.—B. F. Cash, Newark, Arkansas.

Our garden was just fine this season and the seeds were the best we ever planted.—Mrs. W. H. Stafford, Handsboro, Miss.

The seed I ordered from you last spring proved very satisfactory.—James H. Jones, Fayetteville, Arkansas.

Your seeds proved the best I have ever planted.—L. W. Carter, Perdue Hill, Ala.

PREMIUMS

You can get valuable Premiums when you order

VAN ANTWERP'S SEEDS
See Page 6 Now.

OKRA SEED

CULTURE.—A highly esteemed vegetable in the South, and no garden, small or large, is without it. It is used in making "Gumbo." It is also boiled in salt and water and served with vinegar as a salad. Should not be planted before the ground is warm in spring, as the seeds are apt to rot. Sow in drills, which ought to be 2 to 3 feet apart, and when up, thin out, and leave one or two plants every 12 or 15 inches.

No. 773—Perkins' Mammoth Long-Podded Okra—Very productive, pods starting to shoot out within 3 or 4 inches from the bottom of the stalk, and the whole plant is covered with them to the height of a man's head (5 to 6 feet). Pods very slim and do not harden up as is usually the case with other long, slender sorts.

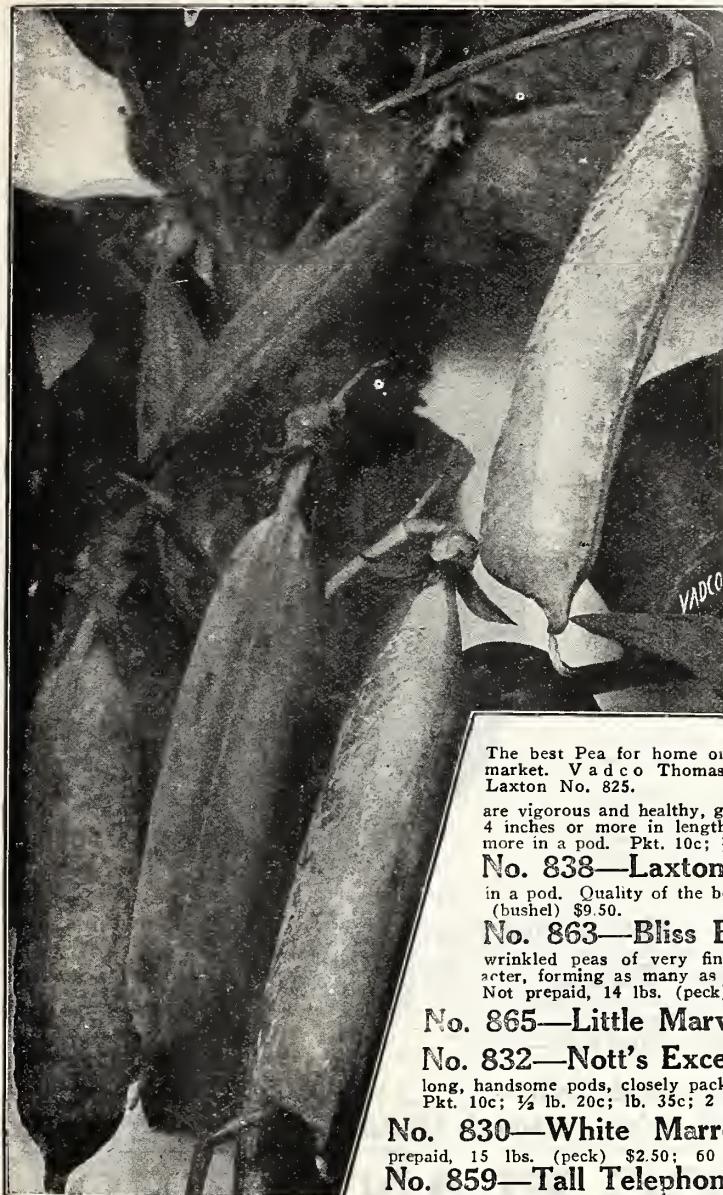
No. 771—White Velvet—Matures in 50 days. A great improvement on the old white, or green. Plant of medium height, bearing a large crop of white, smooth tender pods, which retain their tenderness until nearly full size.

No. 767—Dwarf Green—Matures in 50 days. An extra early variety, very prolific, of dwarf growth. If planted for market it will be in demand only up to the time the smooth long-pod varieties come in, as no rough pods sell well when the smooth can be obtained.

Price all varieties of Okra: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c; 5 lbs. at 40c per lb., postpaid.



White Velvet Okra No. 771.



The best Pea for home or market. Vadco Thomas Laxton No. 825.

are vigorous and healthy, growing 2 to 3 feet high. It requires no stakes. The pods are of dark green color, and measure 4 inches or more in length, being as large as the Telephone, and equally well filled with luscious peas, eight to ten or more in a pod. Pkt. 10c; 1/2 lb. 20c; lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 838—Laxtonian One of the earliest dwarf Peas. Vines are vigorous, growing about 18 inches high, well covered with large, even-sized pods averaging 8 to 9 to a vine and 9 to 10 peas in a pod. Quality of the best. Pkt. 10c; 1/2 lb. 20c; lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 863—Bliss Everbearing The greatest favorite for home gardens and nearby markets. Height of vine 2 to 3 feet. Pods 3 to 4 inches long, each pod containing 5 to 6 wrinkled peas of very fine table quality. Size of peas large to very large. Its habit of growth is branching character, forming as many as ten stalks to a single root. See illustration. Pkt. 10c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.50, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 865—Little Marvel Pkt. 10c; lb. 35c; 2 lbs. 65c, postpaid.

No. 832—Nott's Excelsior Matures in 52 days. Robust and vigorous in growth; inclined to throw out laterals from the base of the stock, producing in profusion long, handsome pods, closely packed with large peas of fine flavor; more vigorous and prolific, with larger pods. Pkt. 10c; 1/2 lb. 20c; lb. 35c; 2 lbs. 65c, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 830—White Marrowfat Withstand inclement weather and cold better than the early varieties. Pkt. 10c; 1/2 lb. 15c; lb. 30c; 2 lbs. 55c, postpaid. Not prepaid, 15 lbs. (peck) \$2.50; 60 lbs. (bushel) \$9.00.

No. 859—Tall Telephone One of the most productive of the large-podded wrinkled sort. Pkt. 10c; 1/2 lb. 25c; lb. 40c; 2 lbs. 75c, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 845—Dwarf Telephone Excellent variety; large, well-filled pods; Peas of fine flavor. Height, 1 1/2 feet. Pkt. 10c; 1/2 lb. 20c; lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 857—Champion of England Pkt. 10c; 1/2 lb. 20c; lb. 35c; 2 lbs. 65c, postpaid.

No. 813—Prolific Early Market Pods 2 1/2 inches long, blunt end, light green. Height, 30 inches. Very largely used for fall planting. Pkt. 10c; 1/2 lb. 20c; 1 lb. 40c; 2 lbs. 65c, postpaid.

No. 861—Mammoth Melting Sugar Vines grow about 4 feet high; very productive. Pods average 5 to 6 inches in length, and 1 1/2 inches in width; broken cooked same as string beans. Pkt. 10c; 1/2 lb. 25c; lb. 45c; 2 lbs. 90c, postpaid.



Bliss Everbearing Peas No. 863. Best for Home Gardens

No. F101—Sugar Crowder Peas—For Table These delicious and heavy bearing cream Sugar Crowders are the finest on the market; the best field pea of them all for eating purposes. Grows upright, bushy, and ordinarily needs no support. Very prolific. Earliest of all the vining varieties. It is a splendid pea for table. Pkt. 10c; 1/2 lb. 20c; lb. 35c; 2 lbs. 60c, postpaid. Not prepaid, 10 lb. lots or over at 15c lb.

VAN ANTWERP'S GARDEN PEAS

Two pounds to 100 feet of drill; 1 1/2 bushels to acre.

CULTURE—Plant the extra-early varieties in drills 2 feet apart and cover about 1/2 inches deep. Tall-growing varieties should have 3 feet between the rows, while for the very dwarf kinds, such as Tom Thumbs, 1 foot is all that they require. Peas are planted here from August till March, as follows: Extra-early varieties in August, September and the early spring months; marrowfats from October till March, and wrinkly varieties only in spring. Plant the dwarf and extra-early Peas in rich soil; marrowfats do better in sandy soil.

No. 833—Vadco World's Record—One of the most popular varieties for market. It resembles the Gradus but much earlier and more productive. Grows about 2 feet high and produces pods 4 to 5 inches in length, broad, pointed type—pods that are long and well filled, seven or eight peas. We have a very fine stock of this new variety and suggest you give it a trial this year for home garden or market. Prices: Pkt. 10c; 1/2 lb. 20c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.50, postpaid. Not prepaid, 14 lbs. (peck) \$2.75; 56 lbs. (bushel) \$10.00.

No. 811—Vadco Earliest Extra Early—It has become the main reliance of thousands of truckers in the South who wish to be first with new peas. It is a smooth sort, with wonderful ability to mature quickly. It is absolutely unsurpassed in extra-early qualities in flavor and in size of pod and productiveness, in vigor and regularity of growth. It is a round seeded pea that will grow and mature quicker than any other. The vines average about 2 1/2 to 3 feet in height, just short enough to bear a large crop. (See illustration.) Pkt. 10c; lb. 35c; 2 lbs. 65c, postpaid. Not prepaid, 15 lbs. (peck) \$2.50; 60 lbs. (bushel) \$9.00.

No. 817—Early Alaska—Matures in 50 days. This is an extra-early Pea blue in color, earlier by a few days than any other kind; very fine and prolific; the best flavored Pea among the extra-early smooth podded kinds. We recommend it highly. Pkt. 10c; 1/2 lb. 20c; lb. 30c; 2 lbs. 55c, postpaid. Not prepaid, 15 lbs. (peck) \$2.25; 60 lbs. (bushel) \$8.00.

No. 825—Vadco Thomas Laxton—The finest pea in cultivation. It is early, a heavy bearer and professional growers as well as home gardeners say it is the greatest pea of today. Closely resembles the Gradus or Prosperity, but harder and slightly earlier. Pods with 7 peas are about 3 1/2 inches long, straight, well filled, rounded with rather a blunt end. (See illustration.) Pkt. 10c; 1/2 lb. 25c; lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 821—Gradus or Prosperity—The earliest, largest-podded and most popular of the wrinkled varieties. Vines

are of dark green color, and measure 4 to 5 feet in height, bearing pods 3 to 4 inches long, each pod containing 5 to 6 peas. Pkt. 10c; 1/2 lb. 20c; lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 863—Bliss Everbearing—The greatest favorite for home gardens and nearby markets. Height of vine 2 to 3 feet. Pods 3 to 4 inches long, each pod containing 5 to 6 wrinkled peas of very fine table quality. Size of peas large to very large. Its habit of growth is branching character, forming as many as ten stalks to a single root. See illustration. Pkt. 10c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.50, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 865—Little Marvel—Pkt. 10c; lb. 35c; 2 lbs. 65c, postpaid.

No. 832—Nott's Excelsior—Matures in 52 days. Robust and vigorous in growth; inclined to throw out laterals from the base of the stock, producing in profusion long, handsome pods, closely packed with large peas of fine flavor; more vigorous and prolific, with larger pods. Pkt. 10c; 1/2 lb. 20c; lb. 35c; 2 lbs. 65c, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 830—White Marrowfat—Withstand inclement weather and cold better than the early varieties. Pkt. 10c; 1/2 lb. 15c; lb. 30c; 2 lbs. 55c, postpaid. Not prepaid, 15 lbs. (peck) \$2.50; 60 lbs. (bushel) \$9.00.

No. 859—Tall Telephone—One of the most productive of the large-podded wrinkled sort. Pkt. 10c; 1/2 lb. 25c; lb. 40c; 2 lbs. 75c, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 845—Dwarf Telephone—Excellent variety; large, well-filled pods; Peas of fine flavor. Height, 1 1/2 feet. Pkt. 10c; 1/2 lb. 20c; lb. 40c; 2 lbs. 70c, postpaid. Not prepaid, 14 lbs. (peck) \$2.50; 56 lbs. (bushel) \$9.50.

No. 857—Champion of England—Pkt. 10c; 1/2 lb. 20c; lb. 35c; 2 lbs. 65c, postpaid.

No. 813—Prolific Early Market—Pods 2 1/2 inches long, blunt end, light green. Height, 30 inches. Very largely used for fall planting. Pkt. 10c; 1/2 lb. 20c; 1 lb. 40c; 2 lbs. 65c, postpaid.

No. 861—Mammoth Melting Sugar—Vines grow about 4 feet high; very productive. Pods average 5 to 6 inches in length, and 1 1/2 inches in width; broken cooked same as string beans. Pkt. 10c; 1/2 lb. 25c; lb. 45c; 2 lbs. 90c, postpaid.

4 SUPERB GARDEN PEAS Our Succession Collection

The four varieties you get

Vadco Earliest Extra Early
Early Alaska

ONE PACKET EACH

Of the above 4 Peas for succession will be mailed postpaid for

25c

Order Collection No. 808

ONE-HALF LB. EACH

Of the above 4 Peas for succession will be mailed postpaid for

65c

Order Collection No. 814



Vadco Earliest
Extra Early
No. 811

Choice



PEPPER Seed

No. 889—Vadco World Beater—This is, without doubt, the finest large pepper yet introduced. It is a cross between Chinese Giant and Ruby King, fully as early as Ruby King and similar in shape, but broader at blossom end, almost the size of Chinese Giant and far more prolific, some plants producing as many as twenty-four marketable peppers, exceptionally mild, can be eaten raw without fear of burning. Color of fruit green at first, turning to a beautiful shade of scarlet. Flesh thick, which enables it to hold up a long time and makes it an excellent shipper. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50, postpaid.

No. 868—California Wonder Pepper—Almost as large as Chinese Giant, short, blocky, and square ended, splendid for stuffing, baking or served whole with salad filling. Color is bright green, ripening into a brilliant light crimson. Sweet and spicy. Meat is thick, firm and exceptionally free from wrinkles. Ships well and good for home gardens. Prices: Pkt. 15c; $\frac{1}{2}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00, postpaid.

No. 879—Royal King—Royal King is very thick-meated, averaging about as thick again as the old type of Ruby King and others of the Bell type. It is perfectly sweet and free from pungency. It is a heavy bearer and a good shipper. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

No. 869—Crimson Giant—Matures in 120 days. The earliest maturing of the extremely large, red, sweet Peppers and surpassed by none in evenness of size and shape. The plant is vigorous and upright, growing 2 $\frac{1}{2}$ to 3 feet high, larger than that of Chinese Giant and more productive. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50, postpaid.

No. 883—Ruby King—Matures in 120 days. An exceedingly large and handsome Pepper of mild flavor; the Peppers are of a bright ruby red, from 4 $\frac{1}{2}$ to 6 inches long, by 9 to 12 inches in circumference. Can be sliced for salads or eaten with salt and vinegar, like tomatoes and cucumbers. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

No. 881—Ruby Giant—Flesh exceedingly sweet, and mild enough to eat raw. It matures early; the plant is vigorous and upright, taller than the Chinese Giant, much more productive and an excellent large sweet pepper for stuffing. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

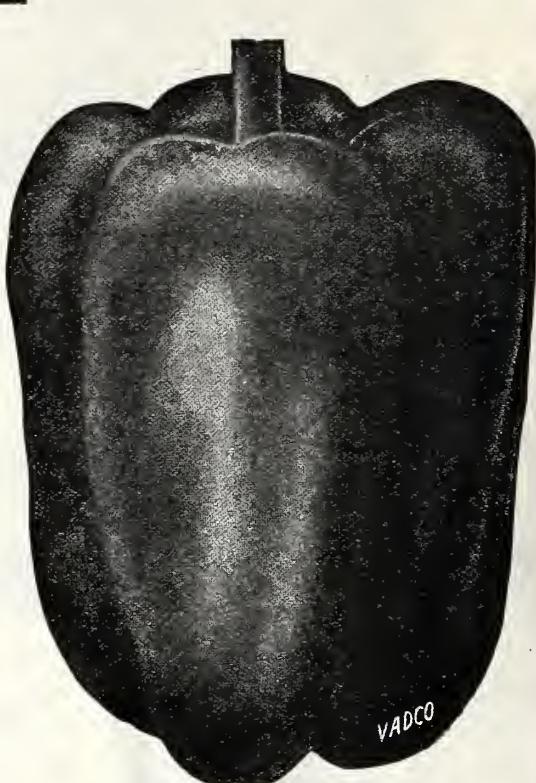
No. 877—Vadco Pimiento—It can be eaten raw like an apple; can be stuffed with meat and baked; can be used as a salad and also canned for use at any time of year. It has thick, firm flesh which permits its being scalded and peeled. Should be in every family garden in the South because it is delicious stuffed with salads. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.75, postpaid.

No. 867—Vadco Chinese Giant—Matures in 140 days. Mammoth size, splendid shape, beautiful and rich, glossy flesh and mild flavor command it as one of the best market varieties. Vigorous in growth; its strong, bushy plants are loaded with splendid large fruits. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00, postpaid.

No. 876—Sweet Spanish Monstrous—Matures in 125 days. Of cylindrical form; the ripe fruit is of a beautiful coral red. Sweet and thick-fleshed. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

No. 875—Long Red Cayenne—Matures in 110 days. Fruit from 3 to 4 inches long, very strong; when ripe, a beautiful red. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25, postpaid.

No. 891—New Golden Dawn Sweet Pepper—Matures in 110 days. Color, bright golden yellow. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25, postpaid.



Vadco World Beater Pepper No. 889

No. 871—Bell, or Bull Nose—Matures in 130 days. Produces a very large-sized hot Pepper, which is highly esteemed for pickling. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 85c; lb. \$3.25, postpaid.

No. 890—Tabasco—This Pepper plant develops into large bushes, bearing profusely the little bright red peppers in sprays. A matured pepper measures about 1 inch in length. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25, postpaid.

No. 886—Bird Eye—Matures in 110 days. Small. It is very hot; used principally for pepper vinegar. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

No. 887—Red Chili—Matures in 120 days. Very small, bright red, cone-shaped, hot Peppers. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

No. 884—Van Antwerp's Mixed Peppers—All varieties, mixed. Pkt. 10c; 3 pks. 25c.

EGG PLANT SEED

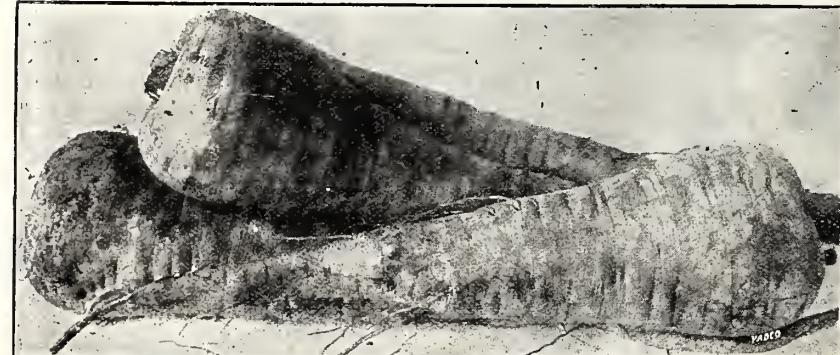
CULTURE—Sow in hotbeds in early part of January. When 2 inches high transplant into another frame so that the plants may become strong and robust. When warm enough, generally during March, place plants in open ground, about 2 $\frac{1}{2}$ feet apart. Very profitable in the South and extensively cultivated.

No. 457—Vadco Black Beauty—Fruits large, handsome shape and high, sometimes five feet, and bear fruit entirely off the ground. Being an upright grower, it resists heat and drought. Its color is deep purple sometimes showing a tinge of red; very large in size, oval in shape, absolutely spineless, and of the finest quality. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

No. 602—New Orleans Market—Their keeping quality is a profitable asset. The plants grow large and high, sometimes five feet, and bear fruit entirely off the ground. Being an upright grower, it resists heat and drought. Its color is deep purple sometimes showing a tinge of red; very large in size, oval in shape, absolutely spineless, and of the finest quality. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

No. 455—New York Improved Large Purple Thornless—A leading variety; fruit very large, oval shaped, smooth, deep purple. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50, postpaid.

No. 459—Florida High Bush—Large fruited purple; very popular with Southern growers. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50, postpaid.



Vadco Black Beauty Egg Plant No. 457

PARSNIPS

One ounce for 200 feet of drill

CULTURE—Should be sown in deep, mellow soil, deeply spaded, as the roots are long, in drills 12 to 18 inches apart; when the plants are 3 inches high, thin out to 6 inches apart in the rows. Sow from September to November for winter, and January to March for spring and summer crops.

No. 807—Vadco Hollow Crown—Rich, very sweet flavor, immensely productive, ready for use in 80 to 85 days. Roots are smooth, in good soil 15 inches long by 3 inches across the shoulder; tender and sugary. (See illustration.) Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25, postpaid.

PUMPKINS FOR THE SOUTH



The Great Big Pumpkin
Vadco Jumbo or King of
the Mammoth No. 897

No. 893—Southern Field or Connecticut

Matures in 65 days. Splendid for stock feeding.

CULTURE—Pumpkins do not require as rich soil as squashes, cucumbers and melons, but on good land the pumpkins will be much larger. Plant in May or June in hills 8 to 10 feet apart, mixing well-rotted manure in each hill. Put 8 to 10 seeds in each hill, 1 inch deep, and cultivate till the vines get strong, when they should be thinned out, leaving two or three of the strongest in each hill. When planted in corn, plant at the same time as the corn in every fourth row, 10 to 12 feet apart in the rows, letting the hill of pumpkins take the place of a hill of corn. Do not grow near squashes or melons. Keep off bugs by dusting with Slug Shot, Paris green, or land plaster. One ounce will plant 20 hills; three pounds, one acre.

No. 897—Vadco Jumbo or King of Mammoth—Matures in 110 days. The best and most productive variety for the South. Grows to an immense size, is oval in shape, thick-fleshed of first-rate flavor and splendid keeping qualities. Well suited to our climate and our seed is Southern raised, which is very necessary to raise a fine crop of pumpkins. (See illustration.) Pkt. 15c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25, postpaid.

No. 907—Vadco True Stock Green Striped Cashaw—It is a large crook-neck variety, grown largely in Southern states and extensively by the market gardeners. Fruits are large, with crooked neck. Color creamy white, irregularly striped or traced with green. Flesh light yellow, very thick, rather coarse, but sweet. Very hardy and vigorous. Can be grown among corn and makes heavy yields. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25, postpaid.

No. 899—Vadco Large Cheese—Matures in 90 days. Fruit flattened, the diameter being two or three times more than the length; skin mottled light green and yellow, changing to rich cream color. Tender, excellent quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, postpaid.

No. 905—Tennessee Sweet Potato—A pear-shaped pumpkin. It is of medium size and slightly ribbed. Color, creamy white, sometimes lightly striped with green. Flesh light-colored, fine-grained, dry and of superior quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.

No. 903—Sweet or Sugar—It is a small pumpkin, being about 10 inch diameter. It has deep orange yellow skin and fine-grained flesh. It is very prolific and in every way desirable. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25, postpaid.

No. 909—Japanese Pie Pumpkin—Japanese variety adapted to all parts of the South. Very meaty and solid and in general appearance resembles the Cashaw, but is earlier and usually larger. Meat is rather free from water and is easily cut and dried if desired. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25, postpaid.

IRISH POTATOES

Prices Subject to Change—Write for Prices

No. 910—Vadco Bliss Triumphs, or Red Bliss—It is one of the earliest kinds grown and matures quickly. The tubers are round and uniform in shape, eyes slightly depressed and of a beautiful bright red color. It is one of the hardiest varieties known, and is not susceptible to rot, scab, or disease; in fact, it can be grown on the most heavily manured land without danger of rot. (See illustration.) 7 $\frac{1}{2}$ lbs. ($\frac{1}{2}$ peck) 50c; 15 lbs. (peck) 90c; 60 lbs. (bushel) \$2.50; 150-lb. bag \$5.50. Not prepaid.

No. 911—Early Rose—This standard variety has been a great favorite with planters for many years on account of its yield and quality. Potatoes are long in shape, good size, and light pink in color. 7 $\frac{1}{2}$ lbs. ($\frac{1}{2}$ peck) 60c; 15 lbs. (peck) \$1.00; 60 lbs. (bushel) \$3.00; 150-lb. bag, \$6.50. Not prepaid.

No. 912—Irish Cobbler—The Irish Cobbler is one of the most popular of the early varieties. It is of handsome, cream-white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly and a good keeper; in short, the best all-around early Potato now on the market. We can furnish our customers with clean, pure, and handsome seed. 7 $\frac{1}{2}$ lbs. ($\frac{1}{2}$ peck) 50c; 15 lbs. (peck) 90c; 60 lbs. (bushel) \$2.50; 150-lb. bag \$5.50. Not prepaid.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE. WRITE FOR SPECIAL PRICES AT PLANTING TIME.

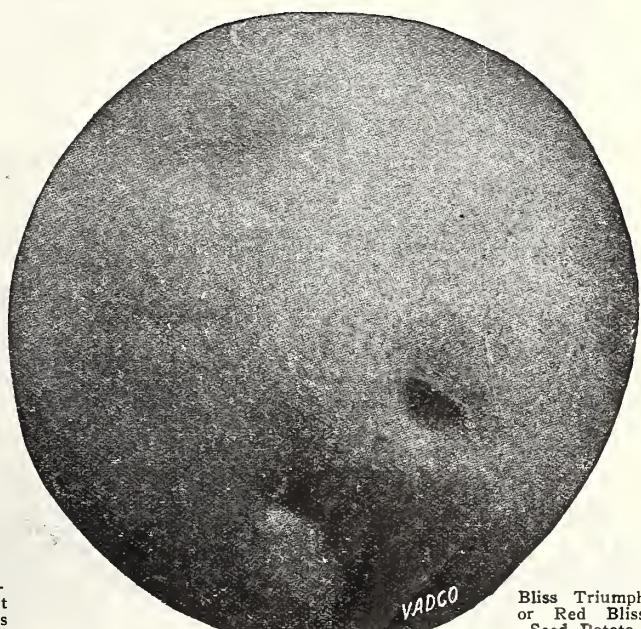
NOTE.—Disinfect your potatoes with Semesan before planting—See Page 57.

Gator-Hide Mulch Paper

Gator-Hide Mulch Paper is offered for the first time this year. It is essentially an agent for increasing soil warmth, soil temperature and for eliminating the drudgery of weeding and cultivating. It adds heat units to and conserves moisture units in the soil. The use of Mulch Paper greatly increases yield and crops reach maturity far in advance of the unmulched crops. By using Mulch Paper two crops may reasonably be expected where only one is possible under normal planting conditions. It will increase the yield of nearly every variety of vegetable and flowers and is especially recommended for the following vegetables—Snap Beans, Beets, Carrots, Cucumbers, Sweet Corn, Squash, Cantaloupes, Watermelons, English Peas, Lima Beans, Cabbage, Lettuce, Tomatoes, Egg Plants, Peppers, etc. It is a wood pulp paper that is strong and tough and is impregnated with asphalt that penetrates every fibre and the black surface gives it the heat absorption qualities that are big factors in the effect of Mulch Paper upon plant growth.

We can supply this Mulch Paper in two weights and two widths. The light weight paper comes in rolls 300 yards long and 18 inches wide and also in rolls 36 inches wide and 300 yards long. This light weight paper is the best for all annual crops such as above mentioned. The heavy weight paper comes in both the 18 inch and 36 inch widths and the rolls are only 150 yards long. The heavy weight paper is used for perennial crops and fruit trees. It is very easy to use the paper; just apply to the soil surface, only after proper preparation of the fields to insure proper tilth. The paper is unrolled over or between the prepared plant beds so that it lies in direct surface contact with them. Where the crop is drilled a space of about two inches should be left between the strips of paper. The paper can be fastened to the ground in many different ways although the usual method is to use home made galvanized iron wire staples or where the crop is planted by making holes through the paper the easiest way to fasten the paper is by turning the soil over the edges of the paper on both sides.

Write for free copy of our 31 page book "THE MIRACLE OF MULCH PAPER" which is illustrated and tells all about the value of Mulch Paper besides how to use it. Mulch Paper—(Light weight for annual crops)—18 inches wide, 300 yards long. Price, \$3.50 per roll. 36 inches wide and 300 yards long. Price, \$7.00 per roll. Mulch Paper—(Heavy weight for perennial crops)—18 inches wide, 150 yards long. Price, \$3.50 per roll. 36 inches wide, 150 yards long. \$7.00 per roll.



Bliss Triumph
or Red Bliss
Seed Potato
No. 910

RADISHES

One ounce for 100 feet of drill

CULTURE—Sow broadcast, in rich, mellow soil, or among other vegetables, where they will ripen soon, and can be removed to give growing room. The red varieties may be sown every month of the year, but during the summer months they require frequent watering. The yellow and white Radishes are the best for summer sowing, while the Black Spanish should be sown in October and November.

No. 914—Vadco Southern Market—Matures in 25 days. A fine forcing Radish of bright scarlet color, globe-shaped, and rapid grower; mild and crisp. Will stand heat without becoming pithy; the most desirable Radish for our climate on this account. Stock selected. Should be planted every ten days to always have a fresh supply. (See illustration.) Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, 5 lbs. \$4.00, postpaid.

No. 923—Scarlet Turnip White-Tipped—Matures in 20 days. A very early Radish, quite popular with market-gardeners. A beautiful, deep scarlet color, with white tips; small tops. Selected stock. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 85c; 5 lbs. \$3.50; 10 lbs. \$6.00, postpaid.

No. 919—Early Scarlet Globe—One of the best for forcing or for early outdoor sowing. Perfect in shape and color. Roots are oval or olive-shaped, deep scarlet in color, mild, crisp and tender flesh. Small tops. They are ready for market in 20 to 25 days after sowing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c; 5 lbs. \$3.00, postpaid.

No. 935—Cincinnati Market—It is the standard market radish in a number of Southern trucking centers, and is without a doubt the most profitable long variety in cultivation. The skin is scarlet colored, and very thin; the flesh is crisp, brittle, and of delightful flavor. (See illustration.) Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c; 5 lbs. \$3.00, postpaid.

No. 941—Vadco White Icicle—Matures in 24 days. It produces beautiful, long white roots, extremely early, hence decidedly popular for forcing and a splendid sort for light, deep soil for out of doors. It retains its excellent qualities longer than any of the early varieties, not getting pithy so soon. (See illustration.) Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c, postpaid.

No. 961—Long White Vienna—Excellent variety, growing to good size without becoming pithy or tough. The flesh is pure icy white, juicy, and agreeably snappy. It does best on rich and moist soil. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

No. 927—Early Scarlet Turnip—Matures in 25 days. Small, round; the favorite kind for family use. Early; crisp and mild when young. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c, postpaid.

No. 945—White Strasburg—Even when comparatively small this variety is in good condition for use and continues crisp until matured, when the roots are four to six inches. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, postpaid.

No. 932—Early Long Scarlet—Matures in 35 days. This is a desirable variety; of a bright scarlet color; short top and brittle. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c, postpaid.

No. 931—French Breakfast—Matures in 22 days. A handsome Radish, scarlet, with the end and the root white. Quite tender. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 85c, postpaid.

No. 934—Chartier's Long—Matures in 35 days. A long Radish, described as deep crimson at the top, shading off lighter, until at the bottom it becomes white. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, postpaid.

No. 960—White Olive-Shaped—Matures in 24 days. Well adapted for forcing; oblong in shape, quick-growing, and of excellent quality; tender, crisp, brittle. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, postpaid.

No. 944—Golden Globe—Matures in 30 days. Stands the heat better than most kinds. Oblong; bright yellow. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, postpaid.

No. 953—Chinese Rose—Matures in 55 days. Of a half-long shape, bright rose color. The best winter variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, postpaid.

No. 959—Black Spanish—(Winter). Matures in 70 days. This is sown during the fall and early winter. It is olive-shaped, solid, and stands considerable cold weather without being hurt. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, postpaid.

No. 947—Giant White Stuttgart—An oval-shaped white variety, used for planting in the fall, somewhat resembling a turnip. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50, postpaid.

No. 962—Mixed Radish Seed—Some of all the leading varieties, long, short, round, white, black, yellow and red. Early and late. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 65c, postpaid.

Plant
a
Garden

Cincinnati Market Radish
No. 935. The best long
scarlet Radish of all.

BIG RADISH Collection No. 17

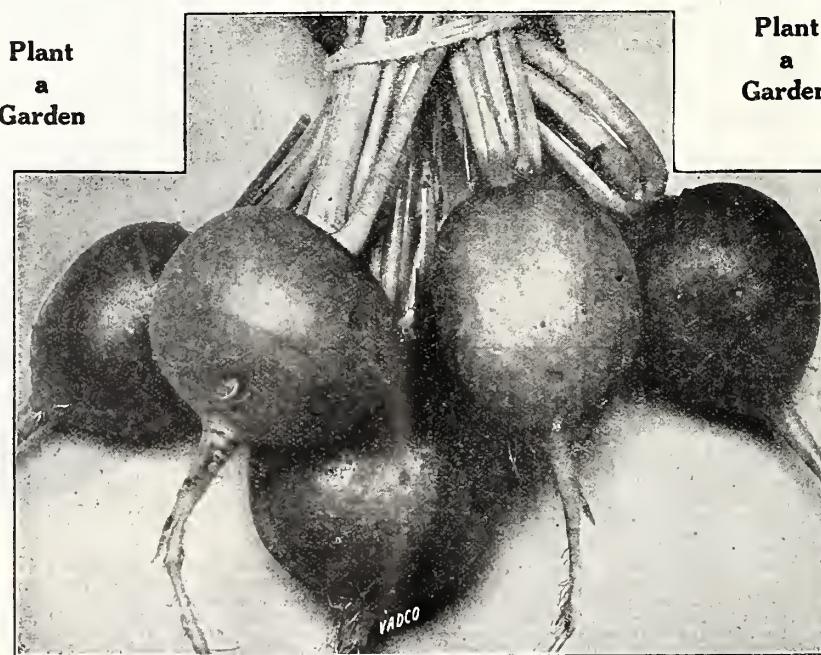
This collection contains one packet each of the 4 following choice sorts:

EARLY SCARLET GLOBE
CINCINNATI MARKET
FRENCH BREAKFAST
LONG WHITE ICICLE

The 4 full size packets mailed postpaid for 15c.

One full ounce of the 4 varieties postpaid for 40c.

Order collection No. 17.



Vadco Southern Market Radish No. 914. The finest of all the Scarlet Globe Radishes.

Plant
a
Garden



Vadco White Icicle Radish
No. 941

RHUBARB or PIE PLANT

CULTURE—Plant in March or April in a shaded place, and when a few inches high thin to 12 inches apart, and in the fall or following spring, transplant 4 feet apart; a barrel placed over the plants gives ideal protection from the sun and produces longer and tender stalks. The best stems are produced the second year, but it continues to produce for several years. Apply plenty of manure.

No. 963—Myatt's Victoria Seed—The best Rhubarb for the South. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25, postpaid.

Rhubarb Roots, Victoria—Extra large clumps. Each 20c; $\frac{1}{2}$ doz. \$1.00; doz. \$1.50, postpaid.

Horseradish Roots—

As soon as the ground can be worked in the spring set the roots in rows 6 inches apart, and about 6 inches apart in the rows; very little cultivation is needed. Late in the fall pull as many roots as will be required for your winter use, cut off tops, store them in a barrel and fill with sand. Prices: Maliner Kren variety. By mail, postpaid, 25 roots or sets, 65c; 50 for \$1.10; 100 for \$2.00.

SUMMER BUSH SQUASH

VAN ANWERP'S SELECTED VARIETIES FOR HOME GARDENS OR MARKET

CULTURE.—Sow during March in hills from 3 to 4 feet apart, six to eight seeds. When well up, thin them out to three of the strongest plants. For a succession, they can be planted as late as June. Some who protect by boxes, plant as soon as the first of February; but it is best to wait until the ground gets warm. When it is time to plant corn, it is also time to plant Squash.

No. 983—Vadco Mammoth White Bush—A marked improvement over the Early White Bush, being nearly double the size and more regular in shape. Early, uniform and prolific; has beautiful clear white skin and flesh and grows 10 to 12 inches in diameter. Fine for family gardens and nearby markets. (See illustration.) Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25; 5 lbs. \$5.00, postpaid.

No. 981—Early White Bush or Patty-Pan—Matures in 44 days. Color a light cream; flat, scallop shape, growing in bush form. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00; 5 lbs. \$4.00, postpaid.

No. 979—Golden Summer Crookneck—Matures in 44 days. One of the best Summer bush sorts, of a bright yellow color, very warted, early, prolific, and of fine flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25; 5 lbs. \$5.00, postpaid.

No. 982—Small Yellow Summer Crookneck—Fruits small, of bright orange yellow color and covered with warty excrescences. It makes an excellent shipper, is fine grained and of good quality, especially desirable for its rich, buttery flavor. We consider this the best squash. We sell large quantities of this variety to market gardeners in Florida. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25; 5 lbs. \$5.00, postpaid.

No. 989—Delicata—The favorite Squash for kitchen gardens on account of its great keeping qualities; in our climate it can be stored for a long time without any great trouble. Fruit is yellow, splashed with green; very solid and heavy, sweet, richly flavored. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50, postpaid.

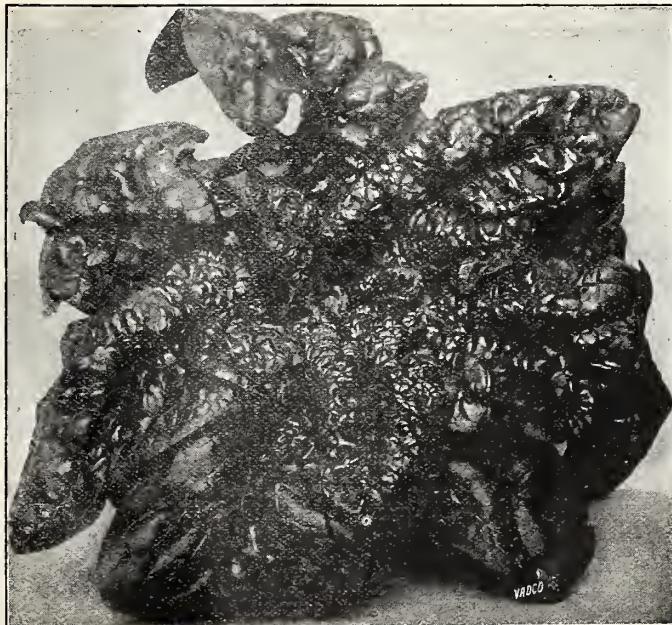
No. 985—Boston Marrow—Most popular running variety. A very productive fall and winter squash of medium to large size oval shape, and thin skin. It is generally used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25, postpaid.

No. 997—Italian Cocozelle—A summer variety of bush habit; fruits oblong; 12 to 16 inches in length and 5 inches in diameter, furrowed with 5 ribs, color dark green, marbled with yellow and dark green stripes, quality fine. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50, postpaid.

No. 1001—Vegetable Marrow—Matures in 60 days. The favorite Squash in England, and used from the time the blossom drops until matured. Fruit, when matured, about 12 inches long to 5 inches in diameter; before quite ripe, tender and delicious. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50, postpaid.

No. 995—Hubbard—Matures in 60 days. The popular variety for Squash pies. Flesh bright orange, fine-grained, very dry, rich, sweet flavor, fine keeper. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25, postpaid.

No. 991—Zucchini Squash—This variety is commonly known as the Italian Squash. It grows long and is piquant in flavor, very tender and delicious. Every home garden should have a few of this splendid variety as it's easy to grow and a very heavy yielder. Prices: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid.



Virginia Savoy Spinach No. 978. The new blight resistant kind.



Vadco Mammoth White Bush Squash No. 983.

SPINACH SEED

SPINACH IS NATURE'S TONIC FOR THE BLOOD

CULTURE.—Sow broadcast in rich ground from September to end of March. As Spinach must be sown very thinly to leave room for large leaves, our market gardeners sow Radishes and Beets on the same land; the Radishes will be sold and the Beets transplanted by the time the Spinach needs more space. (One ounce for 100 feet of drill.)

No. 978—Virginia Savoy—The new Blight Resistant spinach. This spinach was originated by the Virginia Truck Experiment Station. It is the result of years of scientific work by the experiment station. It is a decided improvement over Bloomsdale Savoy as its blightproof qualities and correct habit of growth makes it more valuable to the grower than any other variety. Virginia Savoy is characterized by the large leaves and general Flanders type of growth. The low-growing wide spreading habit is desirable for a winter spinach. Plants of this type attain a very large size in the spring, a single plant often weighing more than a pound. (See Engraving.) Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c; 5 lbs. \$2.00; 10 lbs. \$3.50, postpaid. Not prepaid, 25 lbs. or over at 25c lb; 100 lbs. or over at 20c lb.

No. 967—Vadco Bloomsdale Savoy Spinach—This sort is also known as the Norfolk Savoy Leaved. It is a very early variety and one of the best to plant in the fall for early spring use. The plant is of upright growth, with thick, glossy, dark green leaves of medium size. Seed round. This is the leading variety used in Texas and Virginia. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 40c; 5 lbs. \$2.00 10 lbs. \$3.50, postpaid. Not prepaid, 25 lbs. or over at 25c lb.; 100 lbs. or over at 20c lb.

No. 968—Broad-Leaved Flanders—Has large leaves, 6 inches broad; very succulent. A hardy, good winter variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c; 5 lbs. \$2.00; 10 lbs. \$3.50, postpaid. Not prepaid, 25 lbs. or over at 25c lb.; 100 lbs. or over at 20c lb.

No. 970—King of Denmark—This variety will not run to seed as fast as other sorts and it retains its dwarf habit and good eating qualities for a long time. The leaves are dark green glossy color, slightly crumpled. It is a rapid grower and the leaves are large, broad and rounded. The plants are bushy. This is a medium early variety. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c; 5 lbs. \$2.00; 10 lbs. \$3.50, postpaid. Not prepaid, 25 lbs. or over at 25c lb.; 100 lbs. or over at 20c lb.

No. 969—Princess Julian—One of the best second early varieties, grows close to the ground. The leaves are crumpled and dark green in color. It keeps fresh and retains its crispness a long time after being cut. We can recommend this variety as one of the best. Prices: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c; 5 lbs. \$2.00; 10 lbs. \$3.50, postpaid. Not prepaid, 25 lbs. or over at 25c lb.; 100 lbs. or over at 20c lb.

No. 977—New Zealand—This is a plant of a different genus; entirely distinct from the common spinach. It grows 4 to 5 feet high, thrives during the hot weather; can be cut nearly all summer. New leaves will grow where others are cut off if you preserve the main shoot, and will continue in long bearing, surviving pretty heavy frost. May be sown early in April; plants should be about 20 inches apart. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25, postpaid.

TOMATO SEED

Our Vadco Globe
Tomato No. 1029
is a Perfect Specimen.



No. 1027—The Van Antwerp Tomato—(New Wilt-Resistant.) This is by far the best of the wilt-resistant varieties. It is large, slightly oval in shape, smooth, solid and free from cracks. The plants grow large, vigorous and are highly resistant to wilt and leaf spot. The fruits are bright red in color. The stem end cavity is small, the blossom end basin medium and shallow. It has thick walls, is firm, very juicy, evenly colored and deliciously flavored. Be sure to grow some of this large, fine flavored and wilt-resistant tomato this year. Prices: Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.50; $\frac{1}{2}$ lb. \$4.50; lb. \$8.00, postpaid.

No. 1008—Cooper's Special or Self-Topper—A variety which has been highly recommended by the Florida growers as being what they term a self-topper. It is a rather globe-shaped sort, of the same color as Globe. The vine is shorter and fruits are set in clusters of four to five every 5 to 6 inches along the stalk. Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.50; lb. \$8.00, postpaid.

No. 1046—Louisiana Pink—Wilt-Resistant. Developed by the Louisiana Experiment Station and is now quite popular in some sections. Produces uniform, smooth, pink, medium sized fruits. It's a medium early variety and especially resistant to wilt. Our stock of this tomato is the finest you can get. (See illustration.) Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00, postpaid.

No. 1047—Louisiana Red—Same as Louisiana Pink except the color is bright red. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00, postpaid.

No. 1031—Matchless—Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

No. 1017—Acme—It is a smooth, uniform, medium-sized, early, purple-fruited sort, very prolific. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$0.90c; lb. \$3.00, postpaid.

No. 1037—Ponderosa—Exceptionally large in size. It must have rich soil to be a success, but fruits are very large, purplish pink in color, solid, meaty and very sweet. Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.50; lb. \$8.00, postpaid.

No. 1019—Dwarf Champion—Matures in 95 days. Dwarf, stiff habit, needing scarcely any support. Early and wonderfully prolific. Is perfectly round and smooth; of medium size. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 45c; $\frac{1}{4}$ lb. \$1.50; lb. \$6.00, postpaid.

No. 1007—Earliana—Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. 85c; lb. \$3.00 postpaid.

No. 1051—Golden Queen—Very handsome and the best large, smooth yellow tomato. Meaty, solid and sweet, with bright golden-yellow color. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.25, postpaid.

No. 1067—Pear-Shaped Red—Matures in 95 days. Small fruit, 2 inches long to 1 inch in diameter. Used in unbroken form for pickling. Color bright red. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

No. 1059—Pear-Shaped Yellow—Matures in 95 days. Differing from Pear-shaped Red only in color. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

No. 1015—June Pink—Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$6.00, postpaid.

No. 1005—Chalk's Early Jewel—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$2.75, postpaid.

No. 1003—Bonny Best—Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50, postpaid.

No. 1077—Mansfield Tree Tomato—Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

ONE OF OUR SPECIALTIES

CULTURE.—Six or eight weeks before frost is over, sow $\frac{1}{4}$ inch deep in hot-beds, in shallow boxes in the house, and when they have made 4 leaves transplant to boxes to promote root growth. Transplant 3 to 4 feet apart in a light, warm soil, and cultivate as long as possible. When transplanted, puddle the plants and shade them a few days until they are well-rooted. If all useless growth is removed by pinching out the side branches, the plants may be set closer and will produce more perfect fruits, and a more abundant crop. One ounce makes about 1,500 plants; 4 ounces will make plants for an acre.

No. 1010—New Marglobe—A valuable new wilt resistant variety developed by Dr. J. F. Pritchard, U. S. Dept. of Agriculture. It is especially recommended to all sections of the south infested with wilt. The vines are strong and vigorous, producing beautifully shaped bright scarlet tomatoes that are very attractive in appearance. Marglobe is a hybrid from Globe and Marvel and is a vigorous grower, very prolific and earlier than Globe. Prices: Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00; 5 lbs. \$20.00, postpaid.

No. 1026—Vadco Gulf State Market—This new variety was developed in Mississippi and found the best shipping Tomato ever grown. It is earlier than any other good purplish variety. The vines are very strong and withstand bad weather; it is resistant to blight. The fruits are large for so early a variety, round or globe shaped, show but little depression about stem and are smooth and free from cracks. Color deep purplish-pink ripening well about the stem. The skin is firm and the flesh solid. While this new Tomato has been developed chiefly for the shipper, its many fine qualities make it desirable for the home and market gardener. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

No. 1029—Vadco Globe Tomato—Distinct in shape, firm and hard variety for shipping purposes. It is an absolutely globe-shaped variety, ripens very early, color is a glossy red, tinted with purple. The vines are very vigorous and productive. Bears fruit in clusters of from three to seven fruits, so that it can be truthfully stated that the plants are literally loaded with beautiful tomatoes. This variety is especially valuable to long distance shippers and it cannot be recommended too highly for this purpose. Its blight-proof qualities are exceptional. (See illustration.) Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$6.00, postpaid.

No. 1002—Vadco El Primo—Uniform in shape; early, of large size, deep red color, almost a reddish purple, having very few seeds. Fruit ripens evenly to the stem; the vine is highly productive. Freer from blight than all other varieties of Tomatoes. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00, postpaid.

No. 1025—Vadco Redfield Beauty—The fruits grow in clusters of three to five, and are as regular in shape and size as it is possible to produce. The color is its leading attribute, being a glossy red, the kind that makes tomatoes sell at sight. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50, postpaid.

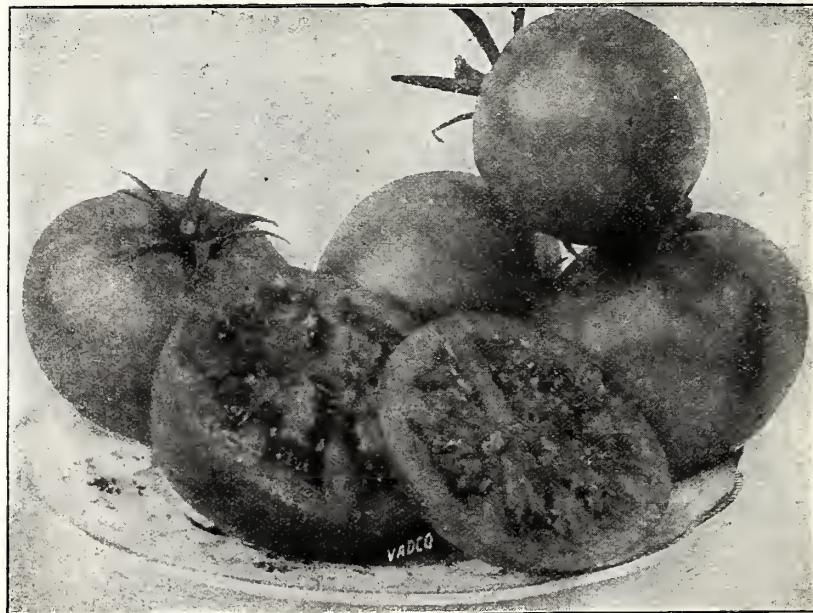
No. 1011—John Baer—An early tomato that produces beautiful, large, bright red, solid fruits. Almost seedless, a marvelous stem-setter, often making ten fruits in first cluster. It is solid and meaty and has just enough foliage. Every tomato will ripen evenly right up to the stem. When deep ripe they will not burst. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00, postpaid.

No. 1016—Brimmer—The Brimmer is practically all meat, has fewer seeds than any tomato we have ever grown, and it is one of the very few tomatoes that is absolutely without a core. The flavor is mild, delicate and free from the acidity found in many other tomatoes. The well shaped, perfectly formed, solid, bright red fruits make a most tempting dish when sliced. The vines are vigorous, luxuriant and healthy and bear a tremendous load of fruit right up to frost, the fruits holding their size till the end of the season. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

No. 1045—Improved Stone—Matures in 115 days. This variety is recommended for a main crop; is of large size, bright scarlet color, very smooth. Ripens evenly to the stem without a crack; exceedingly solid and firm-fleshed; is an excellent shipper. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. 75c; lb. \$2.75, postpaid.

No. 1032—Vadco Florida Special—Heavy cropper, larger size fine flavor. Brightest scarlet, ripens up to stem without green core. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50, postpaid.

No. 1009—Early Detroit—A valuable second early variety for home use, market or shipping. Vines vigorous and productive. Fruits medium size, good form and have a purplish pink color. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00, postpaid.



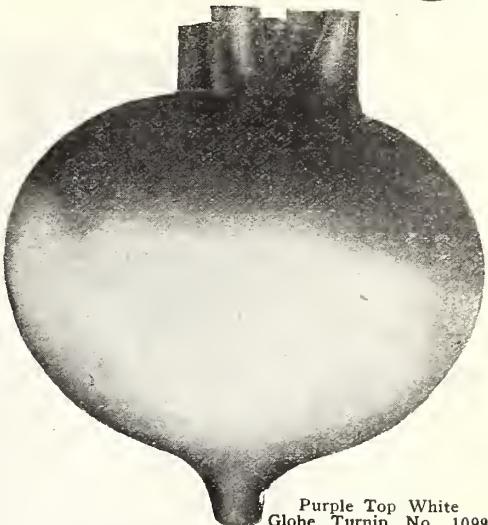
No. 1046—Louisiana Pink Tomatoes. A splendid wilt and rust-resistant variety.



Vadco-Jappo
Turnip No. 1101

TURNIPS FOR THE SOUTH

Culture—Sow 1 ounce of seed to 150 foot row. 3 to 4 lbs. to an acre for roots and about 6 lbs. to an acre for Turnip Greens. Turnips can be sown in the spring or fall although the general crop for winter is planted late in the summer or fall. The world's newest turnip "Vadco-Jappo" which was introduced by us is the only variety for planting during the hot summer months. This variety can be sown during June, July, August and September. Turnips are usually sown in drills 2 feet apart during December, January, February and March for spring turnips. The seed should be covered lightly and the young plants kept free from weeds. Thin out early if turnip roots are wanted but for turnip greens it is not necessary to thin out. The spring crop should be sown early so the turnips will be of sufficient size to withstand the hot weather. Every year we sell thousands of pounds of turnip seed to the canning factories in the South.



Purple Top White
Globe Turnip No. 1099

No. 1101—Vadco-Jappo—(Reg. U. S. Pat. Off.) New Turnip introduced by us. This wonderful new turnip is now one of the South's most popular varieties for spring, summer and fall planting. The roots are pure white, between flat and globe in shape. The leaves grow upright and are practically free from insect attacks; they are splendid for greens, mild flavor and will grow in the hottest and driest weather. Original stock can only be procured from us and packed in sealed packages. Write for special free leaflet which tells all about this famous turnip. Price, Vadco-Jappo: Pkt. 10c; oz. 15c; 1/2 lb. 35c; 1 lb. \$1.25; 5 lbs. \$5.00, postpaid.

No. 1099—Vadco Purple or Red Top Globe—Most popular variety for general planting. Medium early, globe shaped, handsome appearance and heavy copper in all parts. Matures in 65 days. Of same shape as the Pomeranian Globe, but with purple top. Fine variety for table or stock. We recommend it very highly. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

No. 1093—Vadco Pomeranian White Globe—Matures in 70 days. A handsome, popular variety, useful both for table and stock, and well adapted for autumn and early winter use. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

No. 1097—Early Red, or Purple-Top Strap Leaved—Very early, and a favorite market variety. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

No. 1087—Early White Flat Dutch—Matures in 60 days. A quick-growing early sort, differing from the Early Red-Top only in color of skin, being pure white. The roots are of good size, sweet, mild and juicy. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

No. 1105—White Egg—Matured in 45 days. A splendid quick-growing, egg-shaped variety, with pure white skin, fine-grained and solid flesh of sweet, mild flavor. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

No. 1095—Long White, or Cow Horn—Matures in 70 days. Its quick growth, heavy yielding qualities and fine-grained white flesh render it well worthy the attention of all gardeners. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

No. 1083—White Milan—Matures in 45 days. Extra early, very handsome roots, smooth, and of clear ivory-white color both inside and out; tender and delicately flavored. Pkt. 10c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 65c; 1 lb. \$1.25; 5 lbs. \$6.00, postpaid.

No. 1081—Purple Top Milan—Same as the White Milan, only with purple top. Pkt. 10c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 65c; 1 lb. \$1.25; 5 lbs. \$6.00, postpaid.

No. 1091—Yellow, or Amber Globe—Matures in 65 days. A beautifully formed, yellow-fleshed variety. One of the best for general crop. Flesh very fine and sweet and keeps well until spring. Grows to a large size and is excellent for both stock and table use. Pkt. 5c; oz. 10c; 1/4 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

No. 1107—Yellow Aberdeen—Matures in 70 days. A very hardy and productive Scotch variety closely resembling a Rutabaga in shape, color and keeping qualities, but is of finer texture, and can be sown a month later. Flesh pale yellow and of fine texture. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

No. 1079—Mixed Turnips—Matures in from 45 to 90 days. Equally mixture of all the best varieties, including White Milan. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 30c; 1 lb. 50c, postpaid.

SALAD VARIETIES

No. 1103—Southern Seven Top, or Salad—This, the hardiest, of all sorts, may be left standing in the open ground during winter, as far north as Philadelphia. In the Southern States it yields in the spring abundant foliage for boiling with cured meats and is desirable. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

No. 1104—Southern Prize, or Dixie—Hardy and needs no protection; popular turnip grown for winter and spring salad. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c, postpaid.

Rutabagas or Swede Turnips

No. 1112—American Purple-Top Yellow—Matures in 80 days. This is a selected strain, which makes much larger and finer roots than the ordinary strains. Its fine qualities and productiveness cannot be too highly recommended. The flesh is rich and sweet, which excellent flavor it retains until late in the spring. Good for table or stock. (See illustration.) Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

No. 1115—Sweet German, or Hanover—Matures in 60 days. Resembles the Rutabaga in growth; it is a white-fleshed variety very solid and sweet. Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. \$2.25, postpaid.

Van Antwerp's Bargain Turnip Collection

The Big Family Turnip Garden

Thousands of Southern planters every year enjoy this great bargain TURNIP COLLECTION. It is without question the greatest value ever offered by any seed house. This year we are also including our world famous new turnip VADCO-JAPPO in this bargain collection. This is to introduce this variety to our new customers. Just look at what you get: 1 full ounce each of seven different varieties, value 70 cents, all for 25c postpaid. The collection includes the following varieties:

- 1 oz. VADCO-JAPPO (New.)
- 1 oz. PURPLE TOP GLOBE.
- 1 oz. YELLOW or AMBER GLOBE.
- 1 oz. PURPLE TOP RUTABAGA.
- 1 oz. EARLY WHITE FLAT DUTCH
- 1 oz. POMERANIAN WHITE GLOBE
- 1 oz. SOUTHERN SEVEN TOP.

Send only 25c for this collection. Just ask for Collection No. 20.

7

Ounces
Seven
Varieties

25¢
POSTPAID

Purple Top Yellow
Rutabaga No. 1112

Mrs. Walter Jones recommends your seeds to be the very best that are sold, so send me two 7 ounce Turnip Collections by return mail. Mrs. Walter Jones' turnip patch is fine; she said the seed came from your store. Mrs. Irene Jones, Bay Minette, Alabama.

50
years the
standard

Van Antwerp's
THE BEST ONLY

VEGETABLE PLANTS



If you are anxious for an early crop of vegetables you will get a quick start by setting out some of these plants first. You can also start seed at the same time in this way you will have a continuous supply of fresh vegetables for your table.

NOTE—No orders for plants from Florida will be accepted because of the Florida Plant Quarantine Law, causing plants to be delayed in transit and usually reaching destination in bad condition. No plants shipped C. O. D.

TOMATO PLANTS

We can supply the following varieties of TOMATO PLANTS any time from February 1st till August 1st:

GLOBE	Postpaid
IMPROVED STONE	12 plants \$0.25
PONDEROSA	25 plants .40
JUNE PINK	50 plants .60
EARLY DETROIT	75 plants .80
JOHN BEAR	100 plants 1.00
EARLIANNA	200 plants 1.75
DWARF CHAMPION	300 plants 2.50
THE VAN ANTWERP (Wilt Resistant)	400 plants 3.00
NEW MARGLOBE	500 plants 3.50

EGG PLANT PLANTS

From February 1st till August 1st.

BLACK BEAUTY	Prices
FLORIDA HIGH BUSH	same as
NEW YORK PURPLE	Tomato
PARSLEY PLANTS	Postpaid
THYME PLANTS	50c
SAGE PLANTS	Per Dozen
CAULIFLOWER PLANTS	Postpaid
EARLY SNOWBALL	12 plants \$0.25
LARGE ALGIERS	25 plants .50
CELERY PLANTS	50 plants .75
GOLDEN SELF-BRANCHING	100 plants 1.25

Hardy Frost-Proof Cabbage Plants READY FOR YOU FROM SEPTEMBER 1st TO JUNE 1st

We offer the following varieties: Early Jersey Wakefield, Large Charleston Wakefield, Flat Dutch, All-Head Early, Early Summer, Succession and Drumhead. Remittances must accompany all orders. No plants shipped open account or C. O. D. Please do not ask us to break this very necessary rule.

NOTE—No plant orders accepted from Florida, because of restrictions of the Plant Quarantine Law causing delays in plants arriving at destination.

Orders will be shipped approximately three to five days after arrival, weather conditions permitting. If plants do not arrive as soon as you expect them, you may know that conditions beyond our control are responsible for the delay.

Plants usually withstand the cold winter, say at least six winters out of eight, in Texas, Louisiana, Mississippi and Alabama. In other territories, February and March are best months to plant. The word "frost-proof" does not mean "freeze-proof." However, you will be surprised at the amount of freezing weather the plants will stand. A temperature of 20 degrees above zero with sleet and snow seldom hurts them. Under favorable conditions, they stand it down to 13 above zero.

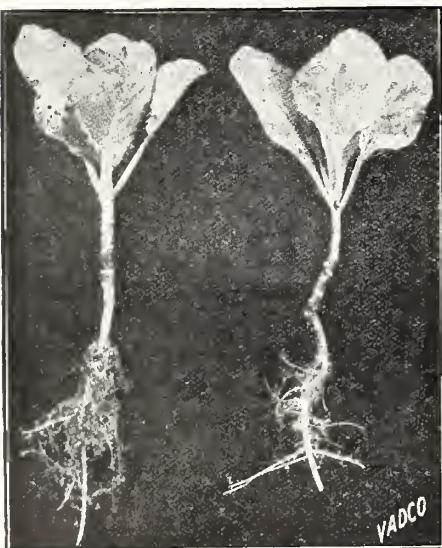
The plants when received will be somewhat wilted and have a hard, stunted appearance, which will be disappointing to persons who have never used these plants before. Regardless of appearance, they will produce splendid crop results. When we receive your order, we have to forward it to our growing station, and this requires several days. Plants cannot be pulled or shipped when beds are wet.

If the plants cannot be set out the same day they are received, take them from the crate immediately, dip the roots in water and heel out into the ground, spreading the bunches a little. In no case should they be left in the crate.

PRICES BY PARCEL POST, 50 Plants 35c—In lots of 100, 200, 300 or 400 plants, at 50c per 100 plants; 500 plants for \$1.75; 1,000 or more at \$3.00 per 1,000 plants, postpaid.

Orders are filled by the 100, not 250 or 350. These prices are for even quantities of one variety to a package; if you ordered 200 of one variety and 300 of another variety, you would remit at the 100 rate.

PRICES BY EXPRESS—Customer paying express charges. In lots of 1,000 to 4,000 plants at \$2.00 per 1,000; 5,000 or more at \$1.75 per 1,000. Plants packed for express shipment, 1,000 or 2,000 plants of a variety to a package, weight about 25 pounds per 1,000 plants, packed for shipment.



Our Frost-Proof Cabbage Plants Are Strong.
Sturdy, Well Grown Stock
NO PLANTS SHIPPED C. O. D.

Flower Plants That Bloom

We can supply the following very choice selection of FLOWERING PLANTS. They are hardy, well-rooted stock, and the varieties offered are especially adapted to the South.

From February 15th till June 1st:

SWEET ALYSSUM. White	Postpaid
DOUBLE DAISY. (Bellis) Mixed	12 plants \$0.70
CALENDULA. Mixed Colors	25 plants 1.25
PANSY. Mixed	50 plants 2.00
	100 plants 3.75

From March 1st till June 1st:

ZINNIA. This is the new Dahlia	Postpaid
Flowered type. Very large double	12 plants \$0.75
blooms.	25 plants 1.25
	50 plants 2.25

From March 1st till June 1st:

COSMOS. Giant Mixed	Postpaid
PINK. Mixed (Dianthus)	12 plants \$0.70
PHLOX. Mixed	25 plants 1.25
MARIGOLD. African Tall	50 plants 2.00
ZINNIA GIANT. Mixed	100 plants 3.75

COLEUS.	Postpaid
SALVIA.	12 plants \$0.75
LARKSPUR	25 plants 1.25
SHASTA DAISY	50 plants 2.00
HOLLYHOCK	100 plants 3.75
VERBENA. Mixed	

Follow the Planting Calendar on Page 4—it will assist you. Write our "Service Department"—it is at your disposal for any further information you may desire.



FLOWERS ALL THE YEAR ROUND IN THE SOUTH

READ THIS—IT WILL HELP YOU TO GROW FINE FLOWERS

Most of the beautiful flowers that are seen around the grounds of the Northern homes are easier to grow in the Southern States.

You enjoy having the interior of your home beautiful, but the exterior appearance should receive the same care and attention as it is of equal importance. There is nothing more objectionable than to see the front lawn and flower beds of a home full of weeds when for a small investment in VAN ANTWERP'S FLOWER SEEDS combined with fine healthy outdoor exercise you can have beautiful flowers all the year round. VAN ANTWERP'S FLOWER SEEDS are famous in the South for over 50 years and are known as dependable flower seeds. The complete selection used in this book are all especially grown for us by the most reliable American and European growers who have a lifelong experience at producing flower seeds.

We have selected varieties which we know are adapted for our Southern soil and climate, therefore you will be perfectly safe in making your own selection. You will find the quantity of seeds in our packets is very liberal and far exceeds the poorly filled commission seeds. Should there be some special flower that you would like to get seed of we will be glad to supply it as we always carry in stock a complete line, including many not listed in this book.

Some varieties of flowers which are biennials in Europe or the North, flower here the first season; if they do not, they generally do not flower at all, as they are usually destroyed by the continued long heat of our summers. Some grow quicker and attain greater perfection than in a more northern latitude. The secret of success in growing flowers is to pulverize the soil fine and light enough so that it will not bake after a rain; make rich with well-rotted manure; commercial fertilizer or bone meal will answer the same purpose, as flowers thrive better in very rich earth. Should the soil be heavy mix with sand to make light, so that it may be easily rubbed to a powder. Soils that are heavy will retain too much water and will sour.

Pretty Effects in Flower Beds—Care should be taken in transplanting or sowing if you wish to have a pretty and effective flower garden. In bedding the flowers, be careful to place the dwarf plants on the edges and the taller varieties in the center of a four-sided bed, or against the fence, if your bed is in this position.

ANNUALS are those flowers that attain their full growth, bloom and die the first year. Among these are Asters, Balsam, Cosmos, Zinnias, Mignonettes, Sweet Peas, Nasturtiums, Morning Glories and other brilliant and fragrant sorts.

BIENNIALS produced from seed generally flower the first and second year and then die, the life of the plant being two seasons.

PERENNIALS usually do not flower the first year, unless started early in the season. Perennials live and blossom year after year. These sorts constitute the "Hardy Flowers," such as Hollyhocks, Sweet William, etc.

HOW YOU WILL KNOW

When ordering watch for the following abbreviations which will tell you the class the flower you are ordering belongs to. They are marked as follows: "A" for Annual; "B" for Biennial and "P" for Perennial.

OUR OWN MIXTURES

All flower seeds offered in this book marked VADCO FARMS MIXTURES are real choice mixtures of all the separate colors of the one variety such as VADCO FARMS ASTER MIXED. These mixtures are blended by our own seed experts with a view to giving our customers a variety of colors and not just one or two colors of a poor shade so often supplied and sold under the name of mixed varieties. Customers when ordering should bear this in mind and if you desire a complete selection of all the colors of a flower our VADCO FARMS MIXTURES will supply them.

VAN ANTWERP'S FLOWER SEEDS

Alyssum Makes a Splendid Border

This most popular hardy annual needs little introduction. Used extensively as a border for the flower-garden, but equally valuable as a cut-flower, owing to its delightful fragrance.

No. 2019—"Carpet of Snow" or Little Gem. A.—Pure white, very dwarf and sweet scented; the best white flowering border plant; 4 inches tall. Pkt. 10c; oz. 75c.

No. 2017—Maritimum (Sweet Alyssum)—Trailing habit. Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c.

No. 2021—Lilac Queen—Lilac-colored flowers. Contrasts prettily with the white sorts. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

No. 2023—Alyssum Saxatile Compacta, Yellow. P.—A beautiful dwarf hardy perennial for spring beds or edging a flower border. The flowers are produced in large clusters and are of a deep pure yellow; $\frac{3}{4}$ foot. Pkt. 15c; $\frac{1}{4}$ oz. 40c.

Ageratum, Floss Flower

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blossoms all summer. Sow the seed early in the spring, either in boxes to transplant, or out of doors, and thin to four or six inches.

No. 2010—Vadco Farms' Mixed—Pkt. 10c; $\frac{1}{2}$ oz. 50c; oz. 85c.

No. 2011—Tom Thumb, Blue Perfection—Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 50c.

Asparagus

Popular evergreen for suspended baskets and window boxes.

Culture—Sow the seeds about $\frac{1}{8}$ inch deep in boxes or pots filled with a light sandy soil. Keep moist. Transplant to permanent location when large enough to handle.

No. 2089—Plumosus—Also known as the "Lace Fern." Very graceful plant with finely cut foliage. For best results grow in partly shade. Pkt. 20c.

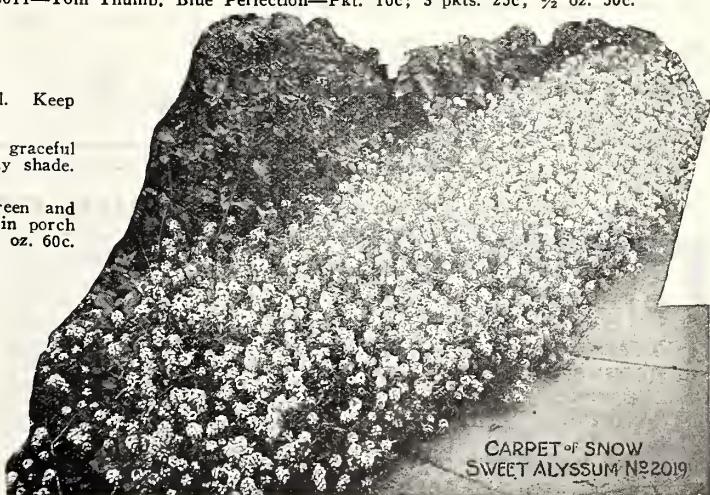
No. 2091—Sprengeri (Emerald Feather)—With its bright green and loose tendrils, this variety lends itself admirably for planting in porch and window boxes between bright colored flowers. Pkt. 10c; $\frac{1}{2}$ oz. 60c.

No. 2029—Amaranthus. Caudatus (Love Lies Bleeding). A.—Light yellowish, green foliage; long, drooping, crimson flower spikes. Plant three to four feet high. Pkt. 10c; 3 pkts. 25c.

No. 2000—Acroclinium. A.—Very pretty annual, producing white and rose-colored daisy-like flowers in August and September. These are the "Immortelles," so desirable for wreaths and winter bouquets. One foot. Double mixed, pkt. 10c; 3 pkts. 25c.



Ageratum No. 2011



FLOWER SEED

ASTERS

The many delicate shades and beautiful colors, the size, form and long blooming season, all make for the great popularity of these charming flowers. Asters are very hardy and may be planted outdoors as soon as the soil is warm and dry. You can start them indoors or in a cold-frame in January or February and transplant outdoors after killing frost danger is past. Plant in well prepared good garden soil in rows 18 to 24 inches apart; cover seed with $\frac{1}{4}$ inch fine soil firmly pressed down and when plants are 2 inches high, thin to 15 inches apart in rows. Seeds may be planted in beds outdoors and transplanted when 2 or 3 inches high.

American Branching, or Invincible Asters

of healthy, robust, branching growth, about 2 feet high—though under best culture often 3 feet—producing, on long stems, massive Chrysanthemum-like flowers of perfect form and graceful outline, and are exceedingly double to the very center.

No. 2100—Vadco Farms' Invincible Mixed—Pkt. 15c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.50, postpaid.

The following separate colors of Invincible Asters:

- No. 2113—Carmine-rose—Bright rosy-carmine.
- No. 2105—Deep Blue—Bright indigo-blue.
- No. 2115—Scarlet—Brilliant crimson.
- No. 2103—Azure Blue—Light blue.
- No. 2107—Lavender—Charming silvery-lavender.
- No. 2111—Pearl-pink—Exquisite blush and shell-pink.
- No. 2109—Violet-purple—Rich velvety purple.
- No. 2117—Pure White—Purest snow white.

Price—Any of the above 8 colors in Asters 15c per Pkt.

No. 503—Collection: One packet each of the eight above separate colors, 75c, postpaid.

Crego's Giant Asters—We consider this the finest and largest of all Crego Asters, bearing immense fluffy flowers five inches and over in diameter. (See illustration.)

No. 2120—Prize Mixture. Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.50.

Ostrich Feather—The flowers of this class resemble the Japanese Chrysanthemum with its long, curved, fringe-like petals, giving a feathery appearance; of immense size; $2\frac{1}{2}$ feet. (See illustration.)

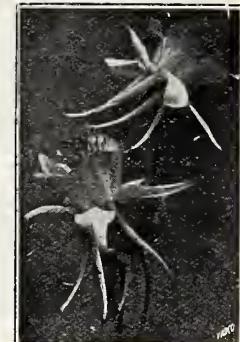
No. 2130—Finest Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.50.

The latest and highest achievements; a superior race in every way. Plants are

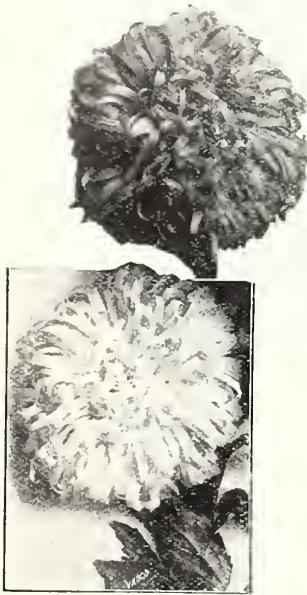
producing, on long stems, massive Chrysanthemum-like flowers of perfect form and graceful outline, and are exceedingly double to the very center.

No. 2100—Vadco Farms' Invincible Mixed—Pkt. 15c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.50, postpaid.

COLLECTION
1 PKT. EACH
OF THE 8 COLORS
FOR 75c



Aquilegia No. 2080



Crego's Giant Asters No. 2120

Mexican Coral Vine (Antigonon)

20 to 30 Feet

This is certainly the most popular vine in the South. It is easily grown and can be seen in bloom during the months of September or October. Mexican Coral Vine flowers are a rose pink and the foliage light green. The long flower racemes droop down from the foliage and often measures two feet in length. For covering porches, fences, old tree stumps, etc., this beautiful vine has no equal. The long flower sprays make wonderful cut flowers and are extremely artistic when arranged in a vase in the house. From a distance the flowers resemble a rambler rose and is often known by the name Mountain Rose. The seed can be sown indoors and the young plants transplanted outdoors after danger of frost is past. It can also be sown outdoors in April or May and two or three plants are sufficient to cover the average porch. It is a perennial and comes up each year when once started.

No. 2035—Prices: Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. 50c, postpaid.

No. 2083—Arctotis Grandis (The African Lilac Daisy). A.—Grows in large branching bushes, 2 feet in height and breadth; flowers are pure white on the upper surface, and pale lilac below. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

"Sunny South" Collection of Flower Seeds No. 50

Will Supply Cut Flowers
All Summer
12 Full Size Packets

40c
Postpaid

- 1 Packet Sweet Alyssum
- 1 Packet Giant Crego Asters
- 1 Packet Fine Mixed Candytuft
- 1 Packet Giant Mixed Cosmos
- 1 Packet Everblooming Hollyhocks
- 1 Packet Dwarf Mixed Nasturtium
- 1 Packet Choice Mixed Petunias
- 1 Packet Old-Time Garden Pinks
- 1 Packet Large Flowering Phlox
- 1 Packet Shirley Mixed Poppies
- 1 Packet Mixed Mammoth Sunflower
- 1 Packet Giant Flowering Double Zinnias

For 40c we will send you Van Antwerp's "Sunny South" Collection of Flower Seeds (12 varieties) postpaid. No changes will be allowed in this collection and no others will be sold at this reduced price. Order collection No. 50.

No. 2007—New African Daisy, Golden West

The Golden West is a beautiful new variety with bright orange flowers that have dark centers. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 75c; oz. \$1.25.

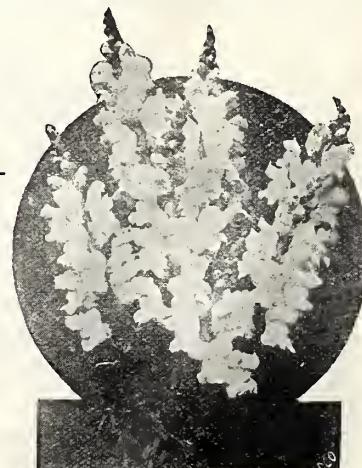
Aquilegia or Columbine

Hardy garden perennials. Very effective when grown in beds or the herbaceous border. Height 1 $\frac{1}{2}$ to 3 feet. (See illustration.)

No. 2070—Vadco Farms' Double-Flowering, Long-Spurred Hybrids, Mixed.—Beautiful long-spurred, large double flowers, formed of several rows of cornucopia-like petals and in various shades of yellow, lavender, blue, indigo and white. Pkt. 25c; 2 pkts. 40c.

No. 2080—Single, Large-Flowering, Mixed Colors—Pkt. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25.

Premiums and Prizes See Pages 5 and 6



Snapdragon Tall Mixed No. 2040

Antirrhinum or Snapdragons. P.

No. 2050—Semi-Dwarf All Colors Mixed—Pkt. 10c; $\frac{1}{4}$ oz. 60c; oz. \$2.00.

The following separate colors: Pkt. each, 10c; 3 pkts. 25c.

- No. 2053—Blood Red.
- No. 2055—Deep Scarlet.
- No. 2057—Light Pink.
- No. 2054—Dark Maroon.
- No. 2059—Orange-Scarlet.
- No. 2061—White.
- No. 2063—Yellow.
- No. 2056—Pink White Throat.

No. 500—Collection—1 Packet each above 8 colors of Antirrhinums 50c, postpaid.

Buy your Seeds in the South. The varieties we offer are especially selected to suit the Southern soil and climate



BALSAM

The Old-Fashioned Flower Touch-Me-Not or Lady Slipper. A.

The old and familiar Touch-Me-Not or Lady-Slipper improved until those familiar with the old forms would hardly recognize the large waxy flowers with their elegant shades of color and variegations as belonging to the same class. They grow luxuriantly all through the South with little attention in any good garden soil, and well repay one for the little trouble. (See illustration.)

CULTURE—Sow the seed thinly in open ground from February to June. Thin out to about 1 foot apart. Prefer sunny location and require plenty of water.

No. 2170—Vadco's Farms' Tall Double Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.25.

No. 2180—Rose Flowered Double Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.25.

The following separate colors in Double Balsams. 10c per pkt.; 3 pkts. 25c.

No. 2181—White.	No. 2183—Rose.
No. 2185—Yellow.	No. 2187—Scarlet.
No. 2189—Purple.	

No. 505—Collection. 1 packet each of the above 5 colors for 35c.

No. 2165—Balsam Apple—10 feet. A very ornamental and quick growing climber. While it has a flower, it is grown mostly for the effect of the fruit which follows. This is yellow, looks not unlike an apple—hence its name. When ripe it opens and shows the seeds and blood-red interior. Pkt. 10c.

No. 2167—Balsam Pear—Like above, only the fruit is pear-shaped. Pkt. 10c.



Vadco Tall Double Balsam. No. 2170.

Candytuft, A.

Should Be in Every Garden

A well-known garden favorite for beds, borders and edging. Sow seed as soon as soil can be worked in spring. When well up thin out to 4 or 5 inches apart; especially desirable for early summer beds, masses and cut-flowers. Grows 12 to 15 inches high and blooms from June to September; very hardy. (See illustration.)

No. 2260—Vadco Farms' Fancy Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

No. 2261—Giant Hyacinth-Flowered or Imported Empress. As the result of extra care and pains-taking selection this is now the finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of blooms. Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. \$1.25.

No. 2263—Giant Crimson. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

No. 2265—Giant Rosy Lavender. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

1 packet each the White, Crimson and Lavender for 25c, postpaid.

Hardy Candytuft, P.

Handsome, compact-growing, hardy perennial plants, admirably adapted for permanent front rows of borders or for low clumps or beds; very valuable for early decoration.

No. 2267—Gibraltica—Showy, large-growing, red and rosy-white; 1 to 2 feet. Pkt. 10c.

No. 2269—Sempervirens—Completely covered with heads of flowers in sprays. Pkt. 10c.

Callospis. P.—One of the showiest and most easily grown of garden annuals. The plants form perfect little bushes 1 foot across, and are a perfect mass of bloom from early summer until cut down by frost. The flowers average nearly 2 inches across.

No. 2247—Drummondii (Golden Wave). Yellow, maroon center. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Cannas From Seed. P.—These are usually planted from roots or started plants, but they can be successfully grown from seed if planted early. The seed should be pierced in one spot with a file and soaked in lukewarm water for 24 hours before sowing. A splendid lot of plants may be produced at a much reduced cost.

No. 2270—Giant Flowered, Mixed. Pkt. 10c; oz. 50c.

No. 2163—Balloon Vine—(Love-in-a-puff). A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons and of great interest to children. Pkt. 10c; 3 pkts. 25c.

BEAUTIFUL COLLECTION

4 Splendid Porch Climbers No. 2508

No. 2303—Cardinal Climber. A.—

Without a doubt is the most brilliant and new annual climber that has been introduced for many years; growing rapidly and blooming profusely, very early and continuing until frost. The flowers are a rich glowing scarlet. Pkt. 15c; 2 pkts. 25c.

No. 2500—Cypress Vine. A.—

For training upon a light ornamental trellis the Cypress Vine cannot be excelled. It has a profusion of scarlet or white star-shaped blossoms. Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

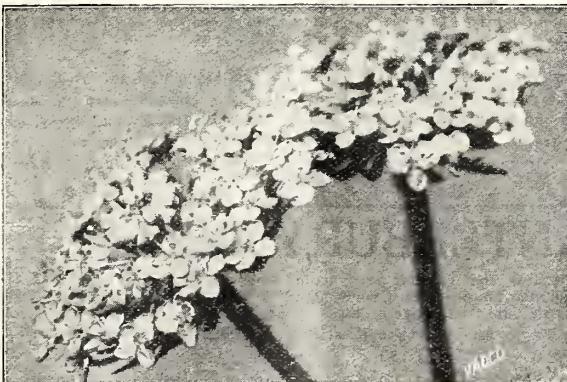
No. 2430—Convolvulus. A.—

These beautiful annual climbers are of easy culture and produce freely all summer. Major Mixed Colors. Pkt. 10c; oz. 25c.

No. 2816—Mexican Coral Vine—

The Mexican Coral Vine is the most beautiful of all our southern porch vines. The flower racemes are usually over two feet in length of a beautiful red color. The foliage is light green. It blooms in September, October and November. Pkt. 10c; 3 pkts. 25c; 6 pkts. 40c, postpaid.

No. 2508—1 packet each the above 4 choice climbing annual flowers all for 30c, postpaid. Collection No. 2508.



Blue Lace Flower (Queen Anne's Blue Lace). No. 2219

BELLIS

(English Daisy) P. 6 to 8 Inches

A low growing, spring flowering plant. Loves a shady place and will reward the gardener with a mass of blossoms for succeeding years if left undisturbed.

A favorite perennial which will stand the winter in bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. The following are the finest double-flowering kinds:

No. 2210—Vadco Farms' Double Mixed—Pkt. 10c; $\frac{1}{4}$ oz. \$1.00.

No. 2213—Snowball—Double pure white. Pkt. 10c.

No. 2215—Longfellow—Double dark pink. Pkt. 10c.

BLOOMAID

Bloomaid Fertilizer stimulates growth and produces healthier and finer flowers. It can be used without danger on all kinds of flowers grown in the open and also for house plants. Bloomaid is packed in convenient packages and we can supply it in tablet, liquid or pulverized form. It is easy to use and complete instructions come with each package. The small tablet form is best for house plants as you simply insert the tablets near the plant. It is manufactured by the Virginia-Carolina Chemical Co. and has been thoroughly tested and proved the best of all fertilizers for flowers. We highly recommend this wonderful new plant food. Prices: Tablet Form (125 tablets to box) 25c; Liquid Form (8 oz. bottle) 50c; Pulverized Form 1 lb. can 25c; 5 lbs. 50c; 25 lb. bag \$1.75; 100 lb. bag \$5.00. These prices include the payment of postage, express or freight.

No. 2219—Blue Lace Flower—

Exquisite—a flower you cannot do without in your garden. Beautiful, large, lace-like flowers, similar to wild carrot, but of a lovely, delicate azure-blue, gracefully poised on long stems. Sow in the hotbed in March and outdoors in May and again in June, and you can cut flowers until frost. See illustration. Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. 50c.

No. 2193—Bartonia Aurea—

(Golden Bartonia). Honey Plant. A—2 feet tall; is a native of California. Bright yellow single flowers, 2 inches across. Sow the seed where the plants are to remain, since it does not transplant easily. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

No. 2223—Brachycome—(Swan River Daisy). A—

Free-flowering, dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 9 inches. Pkt. 10c; $\frac{1}{4}$ oz. 35c.



Vadco Farms' Double Mixed Calendulas.
No. 2240—Pkt. 10c.

CALENDULAS

Make Wonderful Cut Flowers

One of the best and showiest free-flowering hardy annuals, growing well in any garden soil. They make fine cut-flowers; attractive beds and borders and bloom profusely until frost. In Florida and along the Gulf Coast they do well into the winter.

In grandmother's garden, they were familiarly known by the old fashioned name of Pot Marigold.

Although the old fashioned Calendulas were highly prized for their ease of culture and extremely free blooming qualities, the flowers were small and single, and could in no way be compared to the wonderful double varieties of today.

The Calendula thrives almost anywhere, it is equally as much at home in poor sandy soil as in heavy soil. For the gardener with limited garden space, there is no annual that can be more effective, as it blooms profusely all during the summer into late fall, thereby producing an uninterrupted supply of flowers for table decoration. (See illustration.)

No. 2241—Lemon King—Large very double lemon flowers.
Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

No. 2243—Prince of Orange—A fine deep orange; double.
Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

No. 2240—Vadco Farms' Double Mixed—Pkt. 10c; 3
 $\frac{1}{2}$ oz. 35c; oz. 60c.



CHRYSANTHEMUMS

Annual Varieties

The varieties listed here are hardy free flowering annual summer Chrysanthemums and should not be confused with those grown by florists. They grow from 2 to 3 feet high and produce graceful, brilliant flowers. Fine for beds and borders. No. 2360—Coronarium Double Mixed—Pkt. 10c.
No. 2370—Mixed Single Annual Varieties—Pkt. 10c; 3 pkts. 25c.

No. 2373—Hardy Oriental Chrysanthemums. P.—Original Japanese hardy Chrysanthemum comes to us direct from Japan and is saved from a magnificent collection of over one hundred varieties, and cannot fail to produce satisfactory results. Seeds sown in spring will produce flowering plants by fall. Pkt. 25c; 2 pkts. 40c.

Clarkia Elegans—(Fine for Bees)—A mighty handsome annual which should be far more widely known. It is of easy cultivation, graceful in habit of growth, and lends itself as well to bedding as for cutting. The flowers are borne all along the stems and resemble carnations to quite an extent. 1 foot. July to October.
No. 2410—Double Finest Mixed—Pkt. 10c; $\frac{1}{4}$ oz. 40c.

No. 2415—Cleome. A.—(Giant Spider Flower)—Showy garden annual producing curious heads of flowers of bright rose color; of easy cultivation, blooming until late; a good bee plant. Pkt. 10c; 3 pkts. 25c.

No. 2251—Canary-Bird Vine. A.—A beautiful, rapid growing annual climber, the charming little canary-yellow blossoms bearing a fancied resemblance to a bird with its wings half expanded. The sprays of flowers are very artistic and keep when cut in good condition for a week. The plant has a fine luxuriant, rambling character; will run 20 feet high. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

CARNATIONS

No. 2310—Giant Marguerite Carnation. P.—An extra vigorous race.

Especially adapted for out-of-door culture. The plants are trim in habit, perpetual, and flower abundantly in five months from sowing the seed. Marguerite Carnations are highly fragrant, and have beautiful double flowers. Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Separate colors Marguerite Carnations:

No. 2311—Purple.

No. 2313—Yellow.

No. 2314—White.

No. 2316—Dark Red.

No. 2317—Pink.

Each per packet, 10c.

No. 2319—Collection 1 packet each above 5 separate colors 40c, postpaid.

No. 2320—Chabaud's Everblooming Carnations. P.

Flowering continuously after six months from sowing. Plants thick-set and bushy; stalks stiff and upright, bearing immense double blossoms of perfect regularity, some with fringed edges, some with smooth, some with rich solid colors, others tinted and blended, and others with featherings and picotee markings, and all perfuming the air with their sweetness. See illustration. Chabaud's Fancy, Mixed Colors. Pkt. 25c; 2 pkts. 40c.

COCKSCOMBS (Celosia)

The dwarf Cockscombs are showy in the border. The feathered or plumed varieties are especially attractive in large beds, and are useful for cutting. The flowers retain their color even when dry, and can be used in winter bouquets. Seed should be sown in March for early flowers; for succession sow outdoors in seed-bed in May and transplant when large enough to permanent place. Allow a space of 8 inches between plants for Cockscomb and 18 inches for Feathered varieties.

Celosia Plumosa (Feathered Cockscomb). A.—A splendid decorative plant for the garden. The feathered plumes are produced on long stems and are excellent for cutting. Can also be cut and dried for winter bouquets.

No. 2340—Vadco Farms' Plumed Mixed—An improved strain with various colors, ranging from the clearest yellow to the darkest blood-red; 3 feet. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

No. 2350—Crested Cockscomb. A.—Very desirable annuals of easy culture, producing large, brilliant, comb-like heads; make excellent border plants, and are also attractive for pots; 1 to 1½ feet. Crested Mixed—Dwarf varieties. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

No. 2353—Chinese Woolflower (Celosia)—A new variety of feathered Celosia with large, globular flower-heads like balls of wool. They grow 3 feet high and are very effective in masses, in the center of beds, and in among shrubbery for color effect. The plants branch freely, each branch terminating with a flower-head. It continues in flower from early summer until frost, and is very effective for gardens, either massed or grown as individuals. (See illustration.) Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. 50c.



Canterbury Bells No. 2280

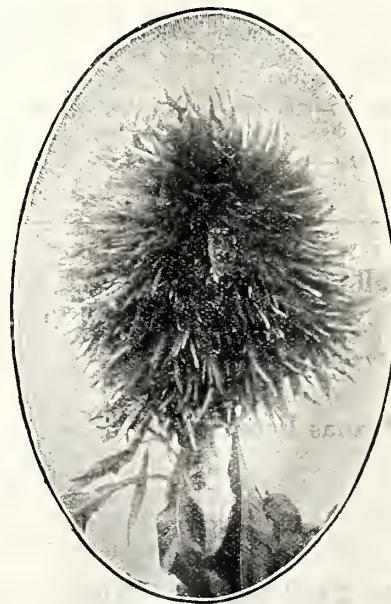
CANTERBURY BELLS

A hardy biennial, blooming the second year from seed, or the first year, if sown early. Easily grown and preferring rich, moist soil. Grows about 3 feet high and bears double and single varieties of blue, white, purple and red flowers.

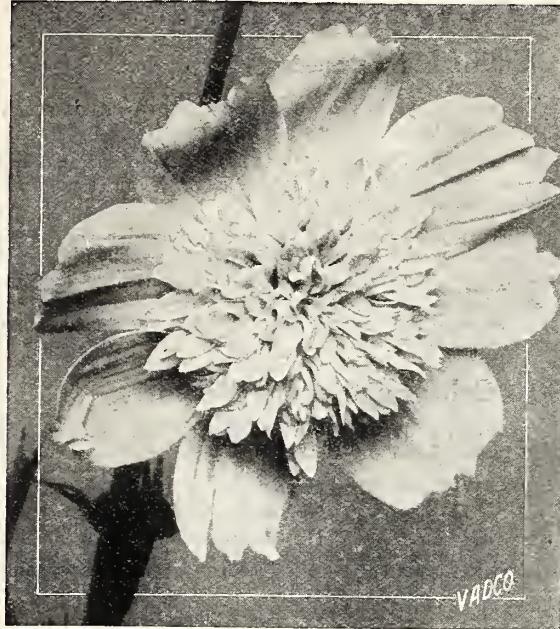
No. 2280—Vadco's Farms' Single Mixed. (See illustration.) Pkt. 10c; $\frac{1}{4}$ oz. 50c.

No. 2290—Double Mixed—Pkt. 10c; $\frac{1}{4}$ oz. 50c.

No. 2300—Cup and Saucer Type—In this variety the outer petal forms a brim like a saucer. Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 75c.



Chinese Woolflower No. 2353
Brilliant Red Flower



Our New Large Flowering Double Cosmos No. 2485

DELPHINIUM (Hardy Larkspur)

These are taller than the annual sorts and their brilliant flower spikes arrest your attention even at a distance.

No. 2530—Vadco Farms' Finest Single Mixed—Pkt. 10c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.50.

No. 2540—Gold Medal Hybrids—This is one of our most important specialties, and is unquestionably the finest strain of mixed hybrids ever offered. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. Pkt. 25c; 5 pkts. \$1.00.

No. 2542—Bellamoum—This is a rich, deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities. Pkt. 25c; 2 pkts. 40c.

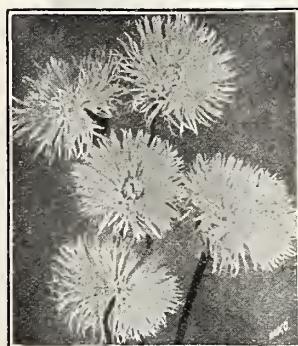
DAHLIAS FROM SEED

These grand autumn flowers can be as easily raised from seed, and bloom the first season, as when grown from the roots. They should be sown early in the house to secure early blooming. When not convenient to plant under glass, sow as soon as it is warm enough.

No. 2510—Vadco Finest Double Mixed—Seeds saved from choicest double flowers, including shades of red, pink, dark maroon, yellow, white, etc. Pkt. 10c; 3 pkts. 25c.

No. 2520—Finest Single Mixed—Will produce brilliant flowers running through a wide range of striking colors. Pkt. 10c; 3 pkts. 25c.

DIANTHUS—See Pinks.



Sweet Sultan No. 2400

Well known annual growing about 2 feet high. The flowers are borne on long slender stems. Show to their best advantage when massed in beds.

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet and sometimes as Ragged Robin, but which name belongs to one of the Lychnis and frequently results in confusion. They are well known to every flower lover and always included in old-fashioned gardens. They usually re-seed themselves, coming up year after year. A bunch of the blue sorts, with a few yellow Calliopsis, Marigolds, Calendulas or California Poppies, make a very rich combination.

No. 2390—Vadco Farms' Double Mixed—Splendid mixture of all existing colors. Pkt. 10c; $\frac{1}{2}$ oz. 40c.

No. 2395—Double Blue—Large flowering. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

SWEET SULTANS (Centaurea Imperialis)

The finest of all Sweet Sultans for cut flower purposes; gigantic, beautiful, sweet-scented flowers borne on long stems. They are well adapted for cutting and remain fresh long after being cut. Height, 2 to 3 feet. See illustration.

No. 2400—Choice Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

WHITE LEAVED CENTAUREAS

Dusty Miller—Fine for bedding, vases, hanging baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant later.

No. 2405—Gymnocarpa—Fine cut silvery foliage; $\frac{1}{2}$ feet. Pkt. 10c; 3 pkts. 25c.

No. 2403—Candidissima—Silvery white; leaves broadly cut. Pkt. 10c; 3 pkts. 25c.

COSMOS

Beautiful summer and autumn blooming plants. They produce thousands of artistic flowers in pure white, pink and crimson shades; furnishing an abundance of cut blooms for autumn decorations when other flowers are scarce. Should be sown in spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere.

No. 2450—Vadco Farms' Early Large Flowering Mixed. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 40c; oz. 75c.

No. 2470—Vadco Late Flowering Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

No. 2480—Crested Cosmos—Crested or Anemone-Flowered Cosmos are very beautiful varieties of recent introduction. The flowers are double-crested, having double centers, with a row of guard petals around the base, which make them very effective. The colors are pink, crimson and white, offered in mixture. Pkt. 15c; 2 pkts. 25c.

No. 2485—New Large-Flowering Double Cosmos. A.—Full double flowers of largest size, like miniature peonies, on long stems and of great substance. In bloom at the same time as the Lady Lenox type, and beautiful in vases. (See illustration.) Pkt. 25c; 2 pkts. 40c.

No. 2457—Yellow Cosmos "Klondyke"—Golden yellow flowers borne on long stems, and measures from $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 35c.

Separate Colors Cosmos—No. 2459—Crimson. No. 2455—Lady Lenox White. No. 2457—Yellow. No. 2453—Lady Lenox Pink. Each per packet 10c; $\frac{1}{4}$ oz. 50c. Collection No. 2486—1 packet each above 4 separate colors for 35c, postpaid.



Digitalis No. 2580

DIGITALIS (Foxglove P.)

Stately, old-fashioned border plants, affording dense spikes of large brilliantly colored flowers, which are terminal and half as long as the height of the plant. The flowers are very distinct and showy, being thimble like or long bell-shaped, and the colors include white, lavender and rose, many being spotted or blotched. See illustration.

No. 2580—Vadco Prize Mixed. Many shades and markings. Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. 40c; 1 oz. 1.25.

COREOPSIS

Hardy easily grown perennial, about 2 feet high, producing their large bright yellow flowers in great profusion from early spring until late in fall. Fine for mixed borders. Also good for cutting, the flowers lasting long in vases.

CULTURE—Sow the seeds early in protected seed beds or boxes and transplant when ready, 10-12 inches apart. See illustration.

No. 2443—Coreopsis Grandiflora. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 40c.

COREOPSIS
LANCEOLATA No. 2443

COLEUS (Flame Nettle)

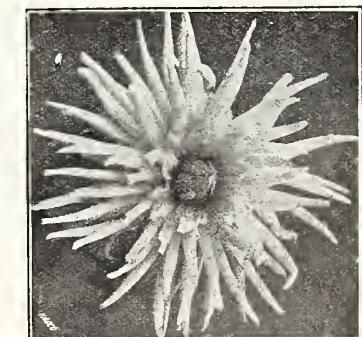
Well known bedding, grouping and pot plant, with foliage ranging through all shades of green, yellow, pink, red, white and black.

CULTURE—Sow seed from January to March, thinly in boxes filled with finely sifted sandy soil. Cover lightly and keep moist. Transplant when above 3 inches high setting them out about 10 to 12 inches apart. Cutting the tops of the plants when young will tend to make them more bushy.

No. 2420—Vadco Farms' Hybrid Prize Mixed. Pkt. 15c; 2 pkts. 25c; 5 pkts. 50c.

No. 2525—Datura (The Trumpet Flower)—A grand annual plant. The flowers average 8 inches long by 5 inches across; French white inside, purple outside; delightfully fragrant. Started early, will flower from early summer until fall. Pkt. 10c; 3 pkts. 25c.

CORN FLOWER (Centaurea Cyanus)



Dahlia No. 2510

Well known annual growing about 2 feet high. The flowers are borne on long slender stems.

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet and sometimes as Ragged Robin, but which name belongs to one of the Lychnis and frequently results in confusion. They are well known to every flower lover and always included in old-fashioned gardens.

They usually re-seed themselves, coming up year after year. A bunch of the blue sorts, with a few yellow Calliopsis, Marigolds, Calendulas or California Poppies, make a very rich combination.

No. 2390—Vadco Farms' Double Mixed—Splendid mixture of all existing colors. Pkt. 10c; $\frac{1}{2}$ oz. 40c.

No. 2395—Double Blue—Large flowering. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

SWEET SULTANS (Centaurea Imperialis)

The finest of all Sweet Sultans for cut flower purposes; gigantic, beautiful, sweet-scented flowers borne on long stems. They are well adapted for cutting and remain fresh long after being cut. Height, 2 to 3 feet. See illustration.

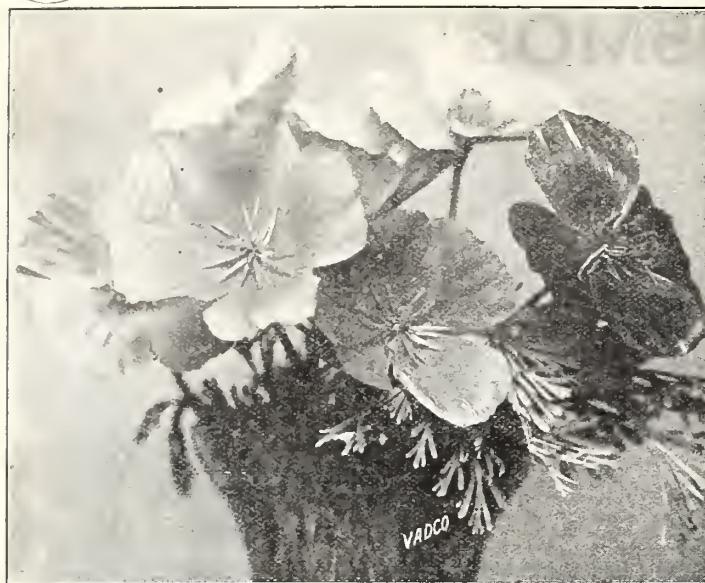
No. 2400—Choice Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

WHITE LEAVED CENTAUREAS

Dusty Miller—Fine for bedding, vases, hanging baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant later.

No. 2405—Gymnocarpa—Fine cut silvery foliage; $\frac{1}{2}$ feet. Pkt. 10c; 3 pkts. 25c.

No. 2403—Candidissima—Silvery white; leaves broadly cut. Pkt. 10c; 3 pkts. 25c.



California Superb Mixed Poppies No. 2590
Wonderful showy flowers for the South.



Gaillardia No. 2610

GAILLARDIA

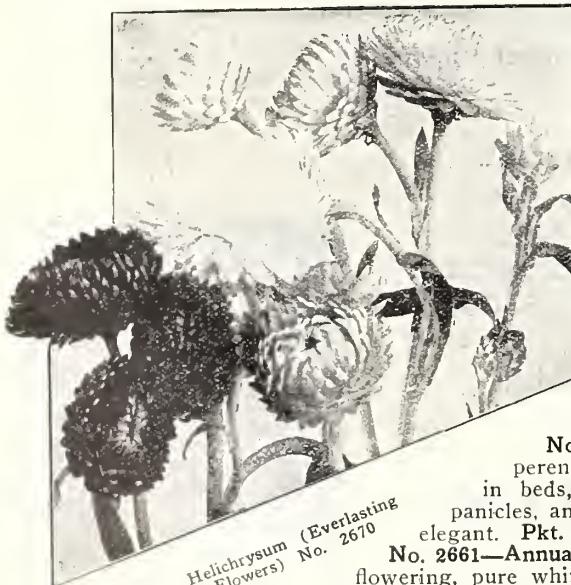
A very showy garden plant, with brilliant flowers, in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn. Grows one and one-half to two feet high, and the blossoms are borne on long, slender stems. Both single and double varieties are hardy. See illustration.

No. 2610—Vadco Perennial Varieties Mixed—
Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 50c.
No. 2620—Double Mixed Annual (Picta Lorenziana)—A. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

No. 2602—Fuchsias (Lady's Eardrops). P.—These well-known plants will flower the first season from seed, if started early. As house plants for winter they are always general favorites. The seed we offer is saved from a fine collection of double and single sorts. Best Sorts Mixed. Pkt. 10c; 3 pkts. 25c.

No. 2600—Four O'Clock (Marvel of Peru). A.—Showy, large free flowering hardy annual adapted all over the South. A good old-fashioned plant with erect bushy habit. Vadco Mixture. Pkt. 5c; 6 pkts. 25c; oz. 40c.

No. 2631—Gerbera (Transvaal Daisy). P.—A beautiful race of flowering plants brought into prominence with the introduction of an improved large-flowering scarlet type. They are half-hardy perennials, usually grown as greenhouse or window plants, where they flower continuously. Giant Scarlet. Flowers 3 to 4 inches across, on 2 to 3 foot stems; color intense scarlet. Pkt. 25c; 2 pkts. 40c.



Helichrysum (Everlasting Flowers) No. 2670

No. 2659—Paniculata (Baby's Breath). P.—An elegant hardy perennial plant that should be in every garden. It is not only pretty in beds, but its delicate little flowers, produced in feathery white panicles, and branching foliage lend a daintiness to bouquets that is most elegant. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 65c.
No. 2661—Annual Variety *Elegans grandiflora alba*.—This is an improved, large-flowering, pure white form of the annual Baby's Breath; of free, easy growth. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

ESCHOLTZIA

California Poppies

This beautiful and brilliant annual has been greatly improved in recent years, and we now have many unusual colors.

Fully as valuable as the common Poppy for garden ornamentation since the flowers are in bloom through a much longer season. The foliage is finely cut, delicate and very attractive.

Seed may be sown at any time during the spring, the earlier the better where they are to remain as they do not stand transplanting. They will grow nicely and bloom profusely over a long season in any sunny position. As a subject for beds of any size or as a border, their finely cut, blue-green foliage, and glossy flowers of satin-like texture, make them one of the most desirable annuals. As cut flowers they are very artistic. (See illustration.)

No. 2590—California Superb Mixed

An excellent mixture producing deep yellow, creamy white, scarlet and orange flowers. Pkt. 10c; 3 pkts. 25c; 1 oz. 40c.

California Poppies in separate colors:

No. 2591—Orange.

No. 2595—Rose.

No. 2593—Golden West.

No. 2597—Crimson.

Each, per packet, 10c; 1 packet each the four colors for 30c, postpaid.. Collection No. 2598.

GOURDS

Favorite annual climbers, of rapid growth, having luxuriant foliage and being immune from insect pests. They bear fruits known as "Ornamental Gourds." Vine 20 to 30 feet.

No. 2650—Mixed Ornamental Varieties. Small sorts. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

The following separate varieties of gourds. Each per packet, 10c.

No. 2651—Calabash Pipe.

No. 2655—Dish Cloth.

No. 2653—Dipper.

No. 2657—Hercules Club.

Collection No. 2658—1 packet each the 4 varieties for 30c, postpaid.

No. 2630—Geraniums. P.—These popular plants are most easily early will produce flowering plants the first summer. Start in the house and transplant to the garden as soon as the weather is warm. Zonale, Mixed. Pkt. 15c; 2 pkts. 25c.

No. 2680—Heliotrope. P.—Well known and admired garden favorite. Grows about $\frac{1}{2}$ feet high and produces large clusters of flowers in white, blue and purple shades. Excellent for massing or for growing in pots or boxes. Mammoth Flowering Mixed. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 75c.

No. 2690—Hibiscus (Mallow Marvels). P.—New large-flowering hybrids. Although they are perennials they flower the first year from seed. The blooms are wonderfully large, 6 to 7 inches across, and the whole plant is extremely showy. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 65c.

No. 2725—Humulus (Japanese Hop). A.—*Japonicus*. Variegatus. The leaves are variegated or splashed white and green. Splendid annual climber of quick growth, and very ornamental. Not attacked by insects, and valuable for covering verandas, fences, or arbors. 12 ft. Pkt. 10c; 3 pkts. 25c.

HELICHRYSUM Everlasting Strawflower

Is the best and most satisfactory of the everlasting flowers and makes a very handsome dried bouquet; 3 to 4 feet. Exceedingly effective double flowers in rich glittering colors, making a fine display in beds or borders, but especially grown to dry and use in baskets and vases through the winter; when wanted for this purpose they should be cut with as long stems as possible, and when the blooms are about one-third open, take off all foliage, tie in bunches and hang head downward in some dark, dry place until cured; they succeed in any good garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals. No. 2670—All Colors Mixed. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 40c.

GYPSOPHILA Baby's Breath

Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers. Most easy to grow; 2 to 3 feet.

No. 2659—Paniculata (Baby's Breath). P.—An elegant hardy perennial plant that should be in every garden. It is not only pretty in beds, but its delicate little flowers, produced in feathery white panicles, and branching foliage lend a daintiness to bouquets that is most elegant. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 65c.

No. 2661—Annual Variety *Elegans grandiflora alba*.—This is an improved, large-flowering, pure white form of the annual Baby's Breath; of free, easy growth. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.



HOLLYHOCKS

Some grow to the top of the second-story window. The double ones are usually about 6 feet tall. The beautiful color effects produced by the planting of these flowers, combined with their dignified and stately appearance, render them indispensable for either the old-fashioned garden or the well-planned herbaceous border. As a background for other flowers or planting among shrubbery, they are without an equal.

No. 2700—Vadco Farms' Choice Double Mixed—Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. 75c.

No. 2710—Single Fine Mixed—(See illustration.) Pkt. 10c; $\frac{1}{4}$ oz. 50c.

No. 2720—Hollyhocks (Annual Everblooming). A.—New strain which flowers the first year from seed. In every way the same as the hardy varieties with the additional advantage of a longer blooming period. Pkt. 15c; 2 pkts. 25c.

Myosotis (Forget-me-nots). P.—The Forget-me-not is an old favorite, hardy perennial, bearing clusters of star-shaped flowers. Succeed best in a moist, shady situation, and bloom the first year from seed sown early.

No. 2840—Vadco Farms' Finest Mixed—3 in. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

No. 2841—Blue Alpestris (Forget-me-nots)—Plants of compact, bushy habit with finely cut foliage, growing 6 to 8 inches high. Flowers blue with a very small yellowish eye. Pkt. 10c; 3 pkts. 25c.

Mimulus (Musk Plant). Little plants, with singularly shaped and brilliantly colored flowers blotched in every conceivable manner. Excellent for baskets or vases.

No. 2817—Moschatetus, or Musk Plant—Fragrant plant, with small, yellow blooms, spotted lightly with brown. Pkt. 10c; 3 pkts. 25c.

No. 2819—Tigrinus, or Monkey Flower—Large flowers of several colors and spotted. Pkt. 10c; 3 pkts. 25c.

No. 2824—Mimosa (Sensitive Plant). A very curious plant. The leaves instantly close up when touched. Pkt. 10c; 3 pkts. 25c.

Lobelia. P.—Exceedingly pretty, both in the garden and for hanging-baskets, window-boxes, and vases, especially prized for edgings of beds and borders. Plants grow about 6 inches high.

No. 2770—Vadco Farms' Mixed. Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. \$1.00.

No. 2771—Crystal Palace (Speciosa)—An exceptionally graceful sort and one of the best in color, having bright deep blue flowers; very dark green foliage. Pkt. 10c; 3 pkts. 25c.

No. 2740—Lantana. P.—One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose and other colored flowers; 2 to 3 feet. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

No. 2765—Lavender. P.—Well-known, sweet-scented, hardy perennials; 3 feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

No. 2816—Mexican Coral Vine. The Mexican Coral Vine is the most beautiful of all our southern porch vines. The flower racemes are usually over two feet in length of a beautiful red color. The foliage is light green. It blooms in September, October and November. Pkt. 10c; 3 pkts. 25c; 6 pkts. 40c, postpaid.

LUPINUS

Free-flowering, easily-grown annuals, with long graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; grows 2 feet high.

No. 2780—Vadco Finest Mixed—Pkt. 10c; oz. 35c.



Giant Double Emperor Larkspur No. 2750

MIGNONETTE

A well-known hardy annual producing dense cone-shaped flower-spikes.

No. 2820—Vadco Sweet Scented Mixed—Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. 50c; 1 oz. 85c.

No. 2821—Machet—This is one of the very best for pot culture. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

NIGELLA

Lovely flowers for cutting; bushy plants about 12 to 15 inches high, and with flowers of large size, surrounded by slender, mist-like foliage.

No. 2880—Choice Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Morning Glories and Moon Flowers

One of the most valuable and popular annual climbers introduced in years. This strain of mammoth-flowering Morning-Glories is most justly celebrated for the beauty of both flowers and foliage. Magnificent in size and bloom—4 to 6 inches across. The great variety of rich and delicate colors, tints and markings is wonderful.

No. 2830—Vadco Imperial Japanese Frilled Mixed. Pkt. 10c; 1 oz. 45c.

White Moonflower. They are popular everywhere in the South as climbers for shade on porches, trellises and arbors. They make a rapid growth and a dense shade, protecting porches from the hot rays of the sun. They grow 20 feet high.

No. 2825—White. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 60c; 1 oz. \$1.00.

Blue Moonflower. Flowers very large and of a deep sky blue with reddish purple rays. There is nothing in a blue color excelling the shade of the "Heavenly Blue."

No. 2827—Blue Moonflower—Pkt. 10c.

No. 2731—Jack Bean, or Hyacinth Bean, Dolichos.

A.—Rapid growing and free flowering annual climber, growing 10 feet high, with pea-shaped blooms, white to rich violet purple in color. Flowers freely in erect racemes, followed by ornamental seed pods. Sweet scented. Pkt. 5c; oz. 30c.

No. 2729—Jack-and-the-Beanstalk—

(Kudzu Vine.) P.—Makes a splendid permanent vine. Growing 10 feet high the first year and up to 50 feet the second year. Pkt. 10c; 3 pkts. 25c.

CHILDREN'S FLOWER GARDEN COLLECTION No. 52

Let the Children Enjoy
A Flower Garden

25c
POSTPAID

- 1 Packet Calendula Double Mixed
- 1 Packet Sweet Alyssum White
- 1 Packet Balsam Fine Mixed
- 1 Packet California Poppy Mixed
- 1 Packet Verbena Mammoth Mixed
- 1 Packet Cockscomb Plumed Mixed
- 1 Packet Nasturtium Dwarf Mixed
- 1 Packet Zinnias Double Mixed

For 25c we will send you the above Children's Flower Garden Collection postpaid. No changes will be allowed and no others will be sold at this special price. Order Collection No. 52.

LARKSPUR

Well known rapid growing annual with long erect spikes of beautiful double flowers in many colors and shades.

Culture—Sow seed thinly from January to April in open ground. Cover about $\frac{1}{2}$ inch. See illustration.

No. 2750—Vadco Emperor Double Mixture. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 50c; 1 oz. 85c.

The following separate colors in Giant Double Emperor Larkspurs:

- No. 2751—White
- No. 2757—Light Blue
- No. 2753—Bright Rose
- No. 2759—Deep Red
- No. 2755—Dark Blue

Price, 10c per pkt.; any 3 pkts. 25c.

Collection No. 2761—Pkt. each the 5 colors for 35c, postpaid.

KOCHIA OR BURNING BUSH

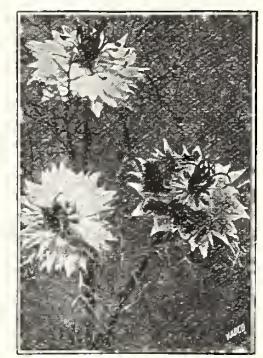
(Summer Cypress.) A very ornamental plant of graceful habit, with finely cut green foliage which changes to a rich russet-crimson in the autumn. It forms a neat little bush somewhat resembling a small Cypress tree, and is especially valuable where it is desired to produce formal regular effects, as it retains its shape when most other garden vegetation is destroyed by frost. 3 ft. No. 2735—Kochia—Pkt. 5c; $\frac{1}{2}$ oz. 25c; 1 oz. 40c.



Lupinus No. 2780



Mignonette No. 2820



Nigella No. 2880



Single Fine Mixed Hollyhocks
No. 2710



Vadco Mammoth Dwarf Nasturtiums No. 2850

No. 2855—Empress of India—Fiery crimson, dark foliage.
 No. 2856—Golden King—Rich golden yellow.
 No. 2857—King Theodore—Deep crimson maroon, dark foliage.
 No. 507—Collection—1 packet each the 6 varieties of Dwarf Nasturtiums mailed postpaid for 40c.

Dwarf Varieties Mixed

These wonderful new Nasturtiums produce flowers twice the size of the old-time dwarf mixed.
 No. 2850—Mammoth Flowering Dwarf Mixed—Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

VAN ANTWERP'S PANSIES

Pansies thrive best in a rich soil, and cool, moist situation; they do splendidly in partially shaded places. They do not do well under trees, but in some locations where the sun strikes only part of each day the most satisfactory result can be obtained. Seed sown from July to September. All our strains are from the most noted seed stocks in the world, and we know they cannot fail to give the most unbounded satisfaction to amateur and professional grower alike.

No. 2920—Vadco Farms' Exhibition Mixed. P.—The result of years of scientific culture in raising Pansies have gradually evolved a superior race of luxuriant robust growth and deep-rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors. (See illustration.) Pkt. 25c; $\frac{1}{8}$ oz. \$1.50.

No. 2930—Royal Mixture. P.—This mixture comprises a large number of colorings and is intended to supply the want of a first-class mixture at a moderate price. Pkt. 15c; 2 pkts. 25c; $\frac{1}{8}$ oz. \$1.00.

No. 2940—Trimardeau Giant Mixed. P.—Trimardeau Pansies are distinguished by their magnificent varied colors and strong markings. The flowers are of mammoth size and of great substance. Pkt. 10c; $\frac{1}{4}$ oz. 75c; oz. \$2.50.

PORTULACA OR MOSS ROSE

Should be sown in every garden. Scarcely any annual in cultivation makes such dazzling display of beauty as a bed of highly colored, many-hued Portulacas. The plants are low-growing and creep along the ground. They thrive well in almost any location and can withstand the hottest summer weather. They love the full sunlight, but the finest flowers are produced the latter part of August and September, when there are heavy dews at night. This is particularly true of the double varieties. Sow the seed thinly early in the spring and keep free from weeds.

No. 3080—Single Mixed Portulacas. Pkt. 10c; 3 pkts. 25c; $\frac{1}{8}$ oz. 35c.

No. 3090—Double Mixed Portulacas. Pkt. 10c; 3 pkts. 25c; $\frac{1}{8}$ oz. \$1.00.

VAN ANTWERP'S NASTURTIUMS

New Mammoth Flowering Sorts

Nasturtiums have flowers measuring three inches across, in a great variety of new and charming combinations of colors, while the brilliancy and velvety richness of the self-covered sorts have been greatly enhanced. For summer flower-beds nothing can surpass them; the plants form perfect mounds about one foot high by one foot across. Seed sown in the open ground in the spring will produce plants that commence blooming during early summer and continue until frost. (See illustration.)

DWARF OR BEDDING NASTURTIUMS

The following separate varieties of Dwarf Nasturtiums: Price, 10c per pkt. any 3 for 25c; 20c per oz. any variety. No. 2851—Aurora—Creme yellow blotched crimson.

No. 2853—Beauty—Scarlet splashed canary.

No. 2854—Cloth of Gold—The foliage is of bright yellow, while the flowers are intense scarlet.

No. 2865—King Theodore—Deep crimson maroon; dark foliage.

No. 2867—Moonlight—Creamy white.

No. 2878—Scarlet—Glowing vermillion.

No. 2863—Sunlight—Pure rich butter-yellow.

No. 2879—Variegated-Leaved Varieties. Many colors mixed—These are of the trailing and climbing class with exquisite beautiful foliage and very showy flowers.

No. 509—Collection. 1 pkt. each the 6 varieties of Climbing Nasturtiums mailed postpaid for 40c.

No. 2860—Vadco Climbing Mixed—Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25 postpaid.

TALL OR CLIMBING NASTURTIUMS

Elegant and luxurious climbers for verandas, trellises, etc.

The following separate colors of Tall Climbing Nasturtiums: 10c per pkt.; 20c oz.

No. 2861—Chameleon—Different richly colored flowers on the same plant.

No. 2865—King Theodore—Deep crimson maroon; dark foliage.

No. 2867—Moonlight—Creamy white.

No. 2878—Scarlet—Glowing vermillion.

No. 2863—Sunlight—Pure rich butter-yellow.

No. 2879—Variegated-Leaved Varieties. Many colors mixed—These are of the trailing and climbing class with exquisite beautiful foliage and very showy flowers.

No. 509—Collection. 1 pkt. each the 6 varieties of Climbing Nasturtiums mailed postpaid for 40c.

Climbing Varieties Mixed

Mixed by ourselves from all the choice separate colors, including new and rare varieties.

No. 2860—Vadco Climbing Mixed—Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25 postpaid.

MARIGOLDS

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large, yellow or orange-colored flowers, and are well adapted for large beds or mixed borders; the latter are dwarfer in growth, with beautifully striped flowers, and are better suited for bedding purposes and for pot culture. They succeed best in a light soil, with full exposure to the sun.

No. 2790—Vadco Farms' Mixture of Tall African Marigolds—(See illustration.) Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 60c; oz. \$1.00.

No. 2791—African Orange—Large, perfect double-quilled flowers of a rich deep golden-orange color; the finest of all and very showy. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

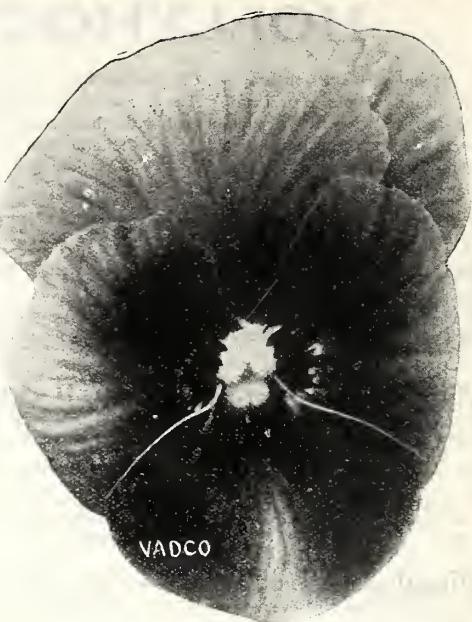
No. 2793—African Lemon—A counterpart of Orange except in color, which is a soft lemon-yellow. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

No. 2800—French Marigolds. A. Double Dwarf Mixed—Finest assortment saved from prize flowers. 1 foot. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

No. 2810—French Marigolds Double Tall Mixed—Grows 2 feet high with very large flowers which are fine for cutting. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

No. 2813—Legion of Honor—A single Marigold of great beauty; flowers bright yellow blotched with brown. Admirably adapted for beds and edging. 9 inches. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

No. 2901—Nicotiana, or Flowering Tobacco. A.—A hardy annual, growing 3 feet high, with slender tubular flower. Belongs to the tobacco family. Requires plenty of room in the garden. Affinis. White and very fragrant. Flowers open in evening and cloudy days. Pkt. 10c; $\frac{1}{4}$ oz. 25c.



Vadco Exhibition Mixed Pansies No. 2920

Tall African Marigolds
No. 2790



Double Featherball Poppy No. 3050

may be used in a variety of ways, but it is when grown in masses, in beds or borders, that they show to best advantage.

No. 3001—Snow White
No. 3002—Rose Dark Eye
No. 3003—Dark Blue
No. 3004—Primrose Yellow

No. 3005—Crimson
No. 3006—Rose Pink
No. 3007—Scarlet
No. 3008—Violet with White Eye

Price any of the above varieties of Phlox 10c per pkt. Any 3 pkts. 25c.

Special Collection No. 515—Contains one packet each of the 8 choice separate colors of Mammoth Phlox all for 50c postpaid.

Order Collection No. 515

No. 3000—Vadco Finest Mammoth Flowering Mixed Phlox.—A splendid mixture containing all the above separate colors. See illustration. Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. 50c; oz. \$1.75.

No. 3010—Star Phlox—All colors of the phlox family in star-shaped flowers, each petal being pointed. Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. 60c; oz. \$2.00 postpaid.

No. 3020—Hardy Perennial Phlox (Decussata)—This is the perennial phlox which grows 3 feet high and comes up every year. Soak seed before planting. Pkt. 25c; 2 pkts. 40c.

GARDEN PINKS or DIANTHUS

Our Vadco Fancy Pinks surpass all others in beauty and grow fine in the South. The flowers are borne in clusters and are excellent for cutting.

The seed we offer is grown specially for Van Antwerp's by an expert grower and you will be delighted with this new large flowering type. The plants grow about 1 foot high and the flowers come in clusters in the widest range of colors and markings.

Sow the seed where you want the plants to bloom in sandy loam if possible and cover the seed $\frac{1}{4}$ inch. When the young plants are 2 inches high thin them out to 6 inches apart.

Double Annual Pinks

No. 2551—Fireball. New. Extra double brilliant dark scarlet; very beautiful.
No. 2552—Lucifer. Brilliant orange-scarlet, flowers measuring about 2 inches across; very dazzling and popular variety; nicely fringed.

No. 2553—Salmon King. Brilliant salmon-rose.
No. 2554—Snowball. Large, double, white; excellent for border or cutting.
No. 2555—Violet Queen. A rich violet—rather unusual shade.

Price—Any of the above varieties of Annual Double Pinks. Pkt. 10c; 3 pkts. 25c. Collection No. 2556 of 1 pkt. each the 5 colors, 35c postpaid.

No. 2550—Vadco Fancy Double Mixed—Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 75c.

Single Annual Pinks

No. 2561—Crimson Belle. Rich crimson. Height, 1 foot.

No. 2562—Eastern Queen. Delicately marbled rose and mauve flowers.

No. 2563—Queen of Holland. Beautiful white.

No. 2564—Salmon Queen. Beautiful fringed flowers of brilliant salmon color changing to old rose when fading.

No. 2565—Vesuvius. Beautiful orange-scarlet flowers; striking in beds or borders.

Price—Any of the above varieties of Single Annual Pinks. Pkt. 10c; 3 pkts. 25c. Collection No. 2566 of 1 pkt. each the 5 separate colors 35c, postpaid.

No. 2560—Finest Single Japanese Pinks Mixed (Hedgewigia). Pkt. 10c; $\frac{1}{4}$ oz. 60c.

No. 2570—Vadco Plumarius—(Grass Pink, Pheasant Eye or Scotch Pink.) P. A. Single hardy perennial pink with light colored flowers, with a darker center; various colored. Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. 60c.

Vadco Mammoth Flowering Phlox No. 3000



Double Mixed Fringed Petunias No. 2980

GIANT PETUNIAS

Petunias are very showy annual flowers and bloom continuously all summer. For garden beds, window or porch boxes, these beautiful flowers have no equal. The petunia seed we offer is grown by an expert grower in California especially for us.

Sow the small seeds in a warm, sunny, open place outdoors, thinning to 15 inches apart, or in frames for transplanting. Scatter seeds thinly, barely cover and firm soil over them; water seedlings with a fine spray to prevent drying out. The weakest looking seedlings usually produce the finest flowers, so save the weak plants for transplanting.

The following separate colors in Bedding Petunias—No. 2971—Bedding White. No. 2972—Bedding Pink. No. 2973—Bedding Crimson. No. 2974—Bedding Blue. Price: Any of the above varieties of Bedding Petunias, pkt. 10c; Collection No. 2978, 1 pkt. each of the 4 separate colors for 30c, postpaid.

No. 2975—Bedding Mixed—A fine mixture of the newer varieties of bedding petunias containing all the colors. Pkt. 10c; 3 pkts. 25c; 6 pkts. for 40c.

No. 2950—Vadco Fancy Fringed Mixed—A mixture of best fringed varieties including with above many new colors and shades. Should be grown by everyone desiring the best. Pkt. 15c; 2 pkts. 25c; 5 pkts. 50c.

No. 2980—Double Fringed Mixed—A superb mixture of the finest double-fringed varieties, every shade and color represented. Splendid for borders or beds, keeping up a succession of bloom throughout the summer. Very expensive seed. Small packet 25c; medium packet 50c.

No. 2960—Finest Striped and Blotched Single—Includes striped or blotched flowers in a wide range of brilliant colors. A fine bedder. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

No. 2963—Howard Star—The flowers of medium size; rich crimson maroon, with bluish white stripe through each petal, forming a five-pointed star. Pkt. 10c.

No. 2970—Single Mixed Petunias—Pkt. 10c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00.



America Salvia or Scarlet Sage No. 3133

No. 3140—Schizanthus Fine Mixed.

A.—Hardy annuals, growing $1\frac{1}{2}$ to 2 feet high and covered with bright, showy butterfly-like blossoms the ground color of which is white, dotted with delicate rose. Pkt. 10c; 2 pkts. 25c.

No. 3163—Stokesia, or Cornflower

Aster. P.—A hardy perennial, two feet high, and bearing large blue flowers on long stems. Cyanea. Pkt. 10c; $\frac{1}{2}$ oz. 75c.

No. 3210—Sweet Rocket (Hesperis.) P. A hardy perennial, growing 2 to 3 feet high. An old-fashioned, fragrant flower of the easiest culture, and bearing clusters of white and purple blossoms. Mixed. Pkt. 10c; 3 pkts. 25c.

No. 3220—Thunbergia or Black-Eyed Susan. A.—A hardy annual climber, growing about 4 feet long. Blossoms are buff, orange or white, with dark centers. Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

No. 3223—Tritoma (Red-Hot-Poker Plant.) P. (Uvaria Grandiflora.) Hardy perennial with orange-red flowers on spikes 4 to 5 feet high. Pkt. 10c; 3 pkts. 25c.

No. 3290—Whitlavia—The Whitlavia is a good plant for baskets, vases and pots, with delicate, handsome foliage, producing a constant succession of bright blue and pure white bell-shaped flowers, in drooping clusters half an inch in length. In heavy wet soils, it does not succeed well, but in light, sandy loam few flowers give more satisfaction. Sow the seed early next spring. Mixed. Pkt. 10c; 3 pkts. 25c.

MAMMOTH
FLOWERING
DOUBLE
SCABIOSA
No. 3136

VAN ANTWERP'S FLOWER SEEDS FOR THE SOUTH

Salvia or Scarlet Sage

A most magnificent summer and autumn-flowering bedding plant. Full-grown plants in bloom form compact bushes 3 feet through by 3 feet high, and bloom from ground to summit. The waving masses of glistening scarlet against green surroundings of lawn or foliage is matchless. (See illustration.)

No. 3133—America—Beautiful dark red flowers carried on long spikes. By far the best of the salvias. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. \$1.50; $\frac{1}{2}$ oz. \$2.75; 1 oz. \$5.00.

No. 3134—Splendens—Bright scarlet flowers. Pkt. 10c; $\frac{1}{2}$ oz. 35c; $\frac{1}{2}$ oz. \$1.50.

No. 3135—Patens (Blue Salvia)—Same as the red salvia, only the color is azure blue. Pkt. 15c; 2 pkts. 25c; $\frac{1}{2}$ oz. 75c, postpaid.

Stocks or Gilliflowers

No. 3150—Vadco Farms' Large-Flowering Ten Weeks. Our strain of these has great rosettes set closely together so that the entire plant is hidden in the mass of bloom. Plants 12 to 15 inches tall and early. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 75c.

No. 3160—Nice Stocks for Summer and Winter. B.—Tall stocks nicely branching, having large double flowers, not tightly clustered but borne along the entire stem. Nice Stocks Mixed. Pkt. 25c; 2 pkts. 40c.

Sweet Williams

For many years the Sweet William (Dianthus Barbatus) has been esteemed as one of our finest hardy garden plants, being of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1 foot high and form fine clumps.

No. 3180—Vadco Farms' Single Mixed—(See Illustration.) All colors. Pkt. 10c; $\frac{1}{2}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

No. 3190—Double Mixed. A.—All colors. Pkt. 10c; $\frac{1}{2}$ oz. 40c; $\frac{1}{2}$ oz. 65c.

No. 3200—Annual Mixed. A.—In appearance and habit the same as the perennial varieties. They bloom profusely from July until frost, from seed sown in early spring. Pkt. 15c; 2 pkts. 25c.

No. 2990—Penstemon. P.

Penstemon sends up spikes of bright colored and spotted flowers somewhat like the Foxglove, but in a great variety of carmine shades and colors; decidedly beautiful. Mixed. Pkt. 10c; 3 pkts. 25c.

No. 3100—Primrose—Chinese Primroses are among our finest winter and spring blooming pot plants; of healthy, sturdy growth, 8 to 12 inches high, and free from insects; while they produce for weeks large trusses of flowers, which, in our new Giant varieties, average $4\frac{1}{2}$ to 6 inches in circumference. (Giant Fringed Chinese.) Single, Mixed Colors. Pkt. 25c.

No. 3103—Pyrethrum—Aureum, or Golden Feather. P. Small-cut leaves of bright golden-yellow. A hardy perennial, with bright foliage much used for edging and borders. Pkt. 10c; 3 pkts. 25c.

No. 3120—Ricinus—Castor Oil Bean. A. This has large leaves and a tropical appearance. All it requires to flourish is heat. It is a quick growing annual 6 to 15 feet tall. Leaves are green or reddish. Commercial castor beans are of different variety. Mixed. Pkt. 10c; oz. 25c.

No. 3123—Rudbeckia Golden Glow. A.—Bicolor Superba (Coneflower.) 2 feet. Produces an abundance of bright yellow flowers with brown central disc; fine for cutting. Pkt. 10c.

No. 3130—Salpiglossis. A.—A half-hardy annual, growing about three feet high and bearing trumpet shaped blossoms of richest shades and colors. Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 50c.

No. 3137—Scarlet Runner Bean—The vine is graceful, flowers are of a brilliant scarlet and the beans of excellent quality, either when shelled or in a dry state. Pkt. 10c; $\frac{1}{2}$ lb. 25c.

No. 3145—Smilax. P.—Graceful perennial climber with small heart-shaped glistening leaves of a fresh green color. Fine for hanging baskets. Pkt. 10c.

SCABIOSA

Also called Sweet Scabious, Old Maid's Pincushion, etc. The tall flowers are especially adapted for cutting and massing in the garden. Annual. $2\frac{1}{2}$ to 4 feet high.

No. 3136—Mammoth Flowered, Double or Maxima. Mixed. An improved strain with large petals and beautiful colors. Pkt. 10c; $\frac{1}{2}$ oz. 50c.

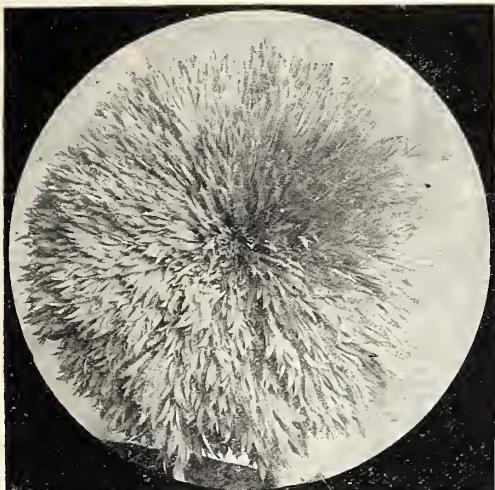
SHASTA DAISY

Shasta Daisies are easy to grow and do well in every garden. The strain we offer produces extra large blooms on long stems. A splendid cut flower. Produces magnificent pure white flowers 4 inches or more across, on stems $1\frac{1}{2}$ to 2 feet in length. The plants, 2 to $2\frac{1}{2}$ feet in height, are hardy, and flower in profusion. See illustration.

No. 3143—Shasta Daisy. Price, pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. \$1.00 postpaid.



Shasta Daisy No. 3143



Chrysanthemum Flowered Sunflower No. 3165

SUNFLOWERS (Helianthus)

Hardy annuals, growing from 3 to 6 feet high. Plant when the ground is well warmed in light or sandy soil. (See illustration.)
 No. 3165—*Chrysanthemum Flowered*—Large, densely double, bright golden flowers. The plant branches and affords fine, long stout stems for cutting. Six to eight feet. (See illustration.) Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.
 No. 3167—*Red Sunflower*—Some are solid red, of a deep maroon shade; others are red with petals gold tipped, and a variety of other pleasing combinations of red and gold. Pkt. 10c; $\frac{1}{2}$ oz. 50c; oz. 90c.
 No. 3168—*Miniature Sunflower*—The *Cucumerifolius* sunflowers are small both in flower and plant. Perkeo is only two feet tall, but is covered with small (three-inch) golden yellow flowers with a dark eye. Pkt. 10c; $\frac{1}{2}$ oz. 25c.
 No. 3169—*Mammoth Russian*—Single, immense flowers; very showy; eight feet. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.

WALL FLOWERS

These perennials make nice bushy plants, 1½ feet high, bearing in the spring long spikes of various colors, crimson, purple, yellow, apricot, mahogany, pink, etc.

No. 3260—*Vadco Large Double Mixed Colors*—Pkt. 10c; 3 pkts. 25c.
 No. 3270—*Large Flowering Single, Mixed Colors*—Pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. \$1.25; 1 oz. \$4.00.
 No. 3280—*New Wall Flower*—Extra early annual. These flower the first season from seed, making compact branching plants, 8 to 10 inches in height, covered with delightfully fragrant single flowers. Pkt. 15c; 2 pkts. 25c.



Vadco Mammoth Mixed Verbenas No. 3230

MAMMOTH VERBENAS

Free flowering, hardy perennial of low spreading growth, usually treated as an annual. The trusses and individual flowers of our Mammoth Verbenas are of the largest size, of brilliant colors, free-blooming and are vigorous growers. Sow in early spring in boxes or in open ground after danger of frost is past. See illustration.

No. 3239—*Mammoth Yellow*.
 No. 3235—*Mammoth Pink*. Deep pink.
 No. 3231—*Mammoth White*. Pure white.
 Price—Any of the above separate colors of Mammoth Verbenas. Pkt. 10c; 3 pkts. 25c.
 No. 523. Collection. One packet each of the 6 separate colors as listed above mailed postpaid for 40c. Order collection No. 523.
 No. 3230—*Vadco Mammoth Mixed*—Finest colors. Pkt. 10c; $\frac{1}{2}$ oz. 50c; 1 oz. 85c.

No. 3250—Vinca or Madagascar Periwinkle

Useful for bedding in summer and for greenhouse in winter. Blooms freely the first year from seed. Rose crimson, white. Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

SOME CHOICE ANNUAL AND PERENNIAL FLOWERS

No. 1999—Achillea Ptarmica, Double, "The Pearl."

P.—(Sneezewort or Double White Yarrow.) One of the best hardy perennials; bears a profusion of small, double, white flowers during the entire season. Fine for cutting and cemetery decoration. Height, 2½ feet. Pkt. 10c; 3 pkts. 25c.

No. 2005—Adonis (Floss Adonis). A.—12 inches; flowers crimson and small. Seed should be sown in the autumn. Pkt. 10c.

No. 2013—Agrostemma coronaria astrosanguinea—

(Rose Campion.) Crimson, 2 ft. July-Sept. Long stems; silvery white foliage. Pkt. 10c; oz. 50c.

No. 2032—Anemone coronaria, St. Brigid—

(Poppy-flowered Anemone.) Mixed colors. 10 in. May, June. The true Irish strain; brilliant and varied colors, all with black-blue central base; easily grown. Pkt. 15c.

No. 2087—Artemesia or "Summer Fir." A.—

It forms pyramidal bushes 3 to 5 feet high. As a solitary plant it looks like a nicely developed Christmas tree. Pkt. 15c; 2 pkts. 25c.

Begonias. P.—

No. 2195—Choicest Double. This fine strain contains all the largest and best forms and most brilliant colors in cultivation. Blooms 6 inches across. Pkt. 50c; 2 pkts. 90c.

No. 2200—Mixed Single, including Fringed Varieties. The blooms are borne on long stout stems, which raise them well above the foliage. For size and quality of the flowers, combined with brilliancy in colors, this mixture is unequalled. Pkt. 25c; 2 pkts. 40c.

No. 2490—Cyclamen Persicum Giganteum, Mixed—

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. Pkt. 25c; 2 pkts. 40c.

No. 2640—Godetia. A.—

The plants bloom profusely, and bear showy flowers, not unlike an Azalea, of satiny texture. Godetias are little known in the South, but are well worthy of attention, being a splendid bedding plant. Vadco Assorted Colors, Mixed Dwarf. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 50c.

No. 2723—Honesty (Lunaria biennis) (Satin Flower; Money Plant). P.—

The flat silvery seed pods are used for winter decoration in the house; pretty and different from anything else; 2 feet. Pkt. 10c; 3 pkts. 25c.

No. 2727—Ice Plant. A.—A curious and very ornamental little plant called Ice Plant in consequence of every part of the leaf and stalk being covered with small watery pistules, which glisten in the sun like fragments of ice. This plant is especially attractive in rockeries, and succeeds well even in dry places. Pkt. 10c; 3 pkts. 25c.

No. 2815—Matricaria (Feverfew). P.—Half-hardy perennial, which should be treated as an annual. Double, pure white flowers are borne on slender stems 15 inches high, which are excellent for cutting. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

No. 2900—Nemophila, or Love Grass. A.—A hardy California wild flower, growing about 6 inches high. Has small cup-shaped blossoms about one inch in diameter, in white and shades of blue. Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

No. 2914—Ornamental Grasses—These are splendid for vases or in bouquets; they can also be dried for winter bouquets. If to be used for that purpose, they should be gathered before fully matured and then hung up to dry. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

CLIMBING VINES

No. 2085—Aristolochia (Dutchman's Pipe). A.—

A splendid climber of tropical origin, well adapted for porches, trellises or arbors in the Central and Lower South. Leaves are dark green and plants make rapid growth. Flowers three inches across, purple and white blotched. Plant seed where plants are to stand about May 1st. Pkt. 10c.

No. 2031—Ampelopsis (Boston, or Japanese Ivy). Veitchi. P.—A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Pkt. 10c; 3 pkts. 25c.

Clematis. P.—A popular hardy perennial climber. An old favorite, and more satisfaction.

No. 2413—Dark Blue—Pkt. 15c; 2 pkts. 25c.

No. 2417—Cobaea (Scandens Cathedral Bells). A.—One of the handsomest and rapid growing climbers. The flowers are bell-shaped and open a clear green but turn a beautiful purplish lilac. Seed should be sown edge-wise. Very vigorous and prolific bloomer. Pkt. 10c.

Wonderful NEW ZINNIAS



Vadco New Dahlia Flowered Zinnia
No. 3300

No. 3346—Dahlia-Flowered Zinnia Collection, \$1.50—

This collection contains 1 packet each of the above 9 varieties of Dahlia-Flowered Zinnias. The 9 pkts. for \$1.50, postpaid.

ZINNIAS are the most beautiful of all flowers, and grow to perfection in the South. The new Giant and Dahlia flowered varieties eclipse all previous introductions. We wish to call attention to our very large list of separate colors which includes every conceivable color and variety. Our Zinnias are grown especially for us by an expert California grower, and are the finest that money can buy. Zinnias are hardy annuals in the South and can be grown in any good garden soil, but we recommend a liberal supply of fertilizer.

CULTURE—Sow the seed in early spring in good soil. Thin out or transplant 1 to 2 feet apart in rows 2 to 3 feet apart when plants are about 2 inches high. Plants grow 2 to 3 feet high.

Separate Colors

The following separate colors of GIANT ZINNIAS:	No. 3335—SHRIMP PINK.
No. 3342—PICOTEE.	No. 3343—NEW ORANGE KING.
No. 3325—CRIMSON.	No. 3321—APRICOT BUFF.
No. 3327—LAVENDER.	No. 3324—CANARY YELLOW.
No. 3334—SCARLET.	No. 3326—DEEP FLESH.
No. 3344—BURNT ORANGE.	No. 3331—SALMON ROSE.
No. 3323—BRIGHT ROSE.	No. 3338—GOLDEN YELLOW.
No. 3338—GOLDEN YELLOW.	No. 3336—WHITE.
No. 3329—PURPLE.	

These are the large double Zinnias and our selection of colors is most complete. Each per packet 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. 50c; $\frac{1}{2}$ oz. \$1.00; oz. \$1.75.

PRIDE OF THE SOUTH Zinnia Collection No. 525

This is a wonderful collection of Giant Zinnias, consisting of 1 packet each of the above 15 choice separate colors. The 15 full packets mailed postpaid all for \$1.00.

Order collection No. 525.

No. 3310—Vadco Giant Zinnias Mixed Colors—

This is a mixture of all the separate colors of Giant Zinnias. Pkt. 10c; 3 pkts 25c; $\frac{1}{4}$ oz. 50c; $\frac{1}{2}$ oz. \$1.00; oz. \$1.75.

New--Double Dahlia-Flowered Zinnias

The flowers have a very marked distinction from the ordinary giant-flowering class, being of a true Dahlia-flowering type, and when cut from the plant and placed by Dahlias it is difficult to distinguish one from the other.

No. 3301—Purple Prince—New large purple. Pkt. 25c; 2 pkts. 40c.

No. 3302—Illumination—Deep rose. Pkt. 25c; 2 pkts. 40c.

No. 3303—Salmon Beauty—A new salmon colored. Pkt. 25c; 2 pkts. 40c.

No. 3304—Exquisite—They are a pleasing shade of reddish rose with deeper rose in the center. Pkt. 25c; 2 pkts. 40c.

No. 3305—Meteor—A rich, glowing deep red. Pkt. 25c.

No. 3306—Golden State—Rich golden yellow, shading to orange. Pkt. 25c; 2 pkts. 40c.

No. 3307—Scarlet Flame—Rich orange-scarlet. Pkt. 25c.

No. 3308—Dream—Deep lavender. Pkt. 25c; 2 pkts. 40c.

No. 3309—Polar Bear—Finest of all white Zinnias. Pkt. 25c; 2 pkts. 40c.

No. 3300—Vadco New Dahlia Flowered Mixed—

(See illustration.) Mixed from the above 9 new varieties of Dahlia-Flowered Zinnias. Pkt. 15c; 2 pkts. 25c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$1.50; 1 oz. \$2.50.

VAN ANTWERP'S SWEET PEAS



Giant Spencer Mixed Sweet Peas
No. 3350

CULTURE—Ordinary good garden soil is suitable for Sweet Peas. The ground should be well drained to avoid water lying too long and becoming sour. Soil prepared for vegetables produces fair results, but a little more care will repay the planter. Select for a location in your garden a place open and airy and which receives the sun all day. Seed should be sown in trenches about 4 inches deep and covered to a depth of 2 inches, still allowing the center of the trench to remain at least 2 inches below the level of the ground, that water may be retained. In case of dry weather, constant watering is necessary to keep the roots cool. When the vines are up about 6 inches high, staking with brush or trellis should be attended to at once. One ounce of seed is sufficient to plant 20 feet of drill.

Giant Spencer or Orchid Flowered

No. 3403—Blanche Ferry, Pink and White. No. 3402—Crimson King, Deep Crimson. No. 3410—George Shawyer, Orange-Pink. No. 3419—Jack Cornwall, Dark Blue. No. 3412—Royal Purple, Purple. No. 3406—Royal Scot, Scarlet. No. 3422—Mary Pickford, Cream-Pink. No. 3411—King White, Pure White Flowers. No. 3418—Youth, White-Pink Picotee Edge. No. 3404—Doris, Orange Cerise. No. 3407—Hebe, Light Pink. No. 3405—Elfrieda Pearson, Blush Pink. No. 3413—Majestic Cream, Deep Cream Color. No. 3421—Mrs. Tom Jones, Blue. No. 3409—Nubian Deep Chocolate.

Prices on above Spencer Sweet Peas. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid.

Sunny South Sweet Pea Collection

One full sized packet each of the 15 varieties of Spencer Waved Sweet Peas as listed above, mailed postpaid for \$1.00. Order collection No. 520.

Vadco Giant Spencer Mixed Sweet Peas

A splendid mixture of all colors of Giant Spencer Sweet Peas containing liberal quantities of new varieties. See illustration. No. 3350—Price: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00, postpaid.

New Early-Flowering Spencers

These new Sweet Peas bloom four weeks earlier than the late Spencers, producing 4 to 5 blooms on a stem. No. 3371—Early Snowflakes, White. No. 3372—Early Heather Bell, Lavender. No. 3373—Early Meadow Lark, Yellow. No. 3374—Early Warbler, Purple. No. 3375—Early Yarrawa, Rose-Pink. No. 3376—Early Torch, Salmon. No. 3380—Early Mixed Spencer, all colors. Price of Early Flowering Spencer Sweet Peas: Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50, postpaid.

Grandiflora Sweet Peas Mixed

Mixtures of Eckford's Grandiflora and the Unwin types is a studied formula containing proportions of various bright colors and shades. No. 3360—Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25, postpaid.



Cannas

Amaryllis Johnsoni
It produces large lily-shaped flowers spreading from the top of the strong stems. The color is a fine crimson scarlet with a broad white stripe down the center of each petal.
No. B73—Large bulbs, 40c each; 6 for \$2.25.

Ismene (Peruvian Daffodil)

A fine Spring flowering bulb with large fragrant amaryllis-like flowers crowned in a cluster on the strong stem. The color is a pure white. It starts to bloom three to four weeks after it has been planted. Fine for borders, in front of shrubbery or for growing in pots.
No. B59—Bulbs: 25c each; $\frac{1}{2}$ doz. \$1.35; doz. \$2.50.

Crinum Bulbs

The old fashioned Lilies of stately appearance. They produce immense drooping clusters of funnel-shaped flowers in various colors, borne on tall strong stems. Bloom over a long period as the flowers do not open all at one time. Show up well planted in front of tall shrubbery.
No. B61—Kirki—Soft delicate pink with red stripe down through each petal. Prices: 35c each; $\frac{1}{2}$ doz. \$1.85; doz. \$3.50.

Butterfly Lilies

A straight upright growing plant with large clusters of fragrant snow white flowers. Delight in a good rich soil and require plenty of water. Fine for planting along fences or in front of shrubbery.
No. B65—Prices: 15c each; $\frac{1}{2}$ doz. 80c; doz. \$1.50.



White Azalea Plant. We can supply these beautiful plants in Pink, Salmon, Red, and White; 4 to 6-inch pots, \$1.75 each; 8 to 10-inch pots, \$2.50 each.

VAN ANTWERP'S SUMMER FLOWERING BULBS LARGE FLOWERING CANNAS

They bloom from early summer until frost, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded about two feet deep, and a generous amount of well-decayed manure, at all times freely watered. Most effective when planted in masses of one variety, setting out the plants about two feet apart. We list the following named varieties which we consider the best. Cannas are one of our specialties.

- No. B5—KING HUMBERT. Standard red with bronze foliage.
- No. B8—MRS. A. F. CONARD. The finest pink, green foliage.
- No. B17—WYOMING. Orange blooms, bronze foliage.
- No. B9—RICHARD WALLACE. Best yellow, green foliage.
- No. B13—THE PRESIDENT. Bright red, green foliage.
- No. B12—APRICOT. A new canna, flowers apricot-pink, green foliage.
- No. B3—WINTZERS COLOSSAL. Large red flowers, green foliage.
- No. B19—YELLOW KING HUMBERT. Yellow flowers, green foliage.
- No. B4—EUREKA. The best white canna, green foliage.
- No. B11—SHENANDOAH. Bright pink, bronze foliage.
- No. B7—CITY OF PORTLAND. Light salmon-rose, green foliage.
- No. B6—The Ambassador. Brilliant cherry-red flowers, bronze foliage.

Prices: Your choice any of the above Canna Roots at 15c each root, 3 for 40c; 12 for \$1.35; 100 for \$10.00, postpaid. SPECIAL COLLECTION—1 root each of the above 12 named varieties all for \$1.25, postpaid.

Tuberoses, Double Dwarf Pearl

The strain we offer is greatly improved, the flowers are of largest size, very double waxy white, and deliciously fragrant. Plant dwarf, growth stocky, the flower spikes attaining a height of about 2 feet, and are compactly filled for two-thirds their length with very large, perfectly double flowers $1\frac{1}{2}$ to 2 inches across, or nearly twice the size of the old sort. The flowers have the wax-like substance of a camelia, are glistening white and deliciously fragrant.
No. B20—8c each; 3 for 20c; 75c per dozen; \$5.00 per 100, postpaid.

Hemerocallis (Day Lilies)

Very popular and highly decorative plants with long narrow leaves. The rather stiff flower stems are raised from $1\frac{1}{2}$ to 2 feet above the foliage and carry a cluster of large lily-shaped flowers in yellow and orange shades. They seem to delight in our hot Southern climate and bloom profusely all through the spring and early summer. They are exceedingly showy planted in front of tall shrubbery or massed in beds and borders.

No. B55—Single Yellow; Double Orange No. B56. Prices on both: 15c each; $\frac{1}{2}$ doz. 80c; doz. \$1.50; 100 for \$11.00.

Montbretias

Lovely and graceful small plants with bright colored star-shaped flowers resembling the Gladiolus somewhat in growth. A cut flower par excellence.
No. B68—Prices: $\frac{1}{2}$ doz. 40c; doz. 70c; 100 for \$5.00.

Cinnamon Vine

Splendid hardy climber of rapid growth, with bright green foliage and white, cinnamon-scented flowers. Grow from 15 to 30 feet high the first season and will attain a much greater length when fully established.
No. B81—Extra-large roots, 15c each; \$1.50 per dozen, postpaid.

Madeira Vine

The old favorite "Climbing Mignonette," so much prized for porches and arbors on account of its rapid growth and freedom from insects. Thick, glossy leaves, and long, hanging stems of feathery, fragrant white flowers. The tubers we offer are selected large size.
No. B82—Price 15c each; \$1.50 per dozen, postpaid.

FANCY-LEAVED CALADIUMS

No other summer foliage plant equals the Fancy Caladiums in rich and gorgeous, yet soft coloring. All of the varieties are of marvellous beauty for the furnishing of the conservatory during the summer months, for window boxes, or even for outdoor bedding in shady or semi-shady positions. See illustration. Mixed colors.
No. B220—Prices 25c each; $\frac{1}{2}$ doz. \$1.25; doz. \$2.50, postpaid.

CALADIUM ESCULENTUM

Elephant's Ear—Grand, tropical-looking plant. A favorite for specimens on the lawn, or for bordering large sub-tropical groups. They produce enormous leaves, frequently 4 feet long by 3 feet wide; height 4 to 5 feet.

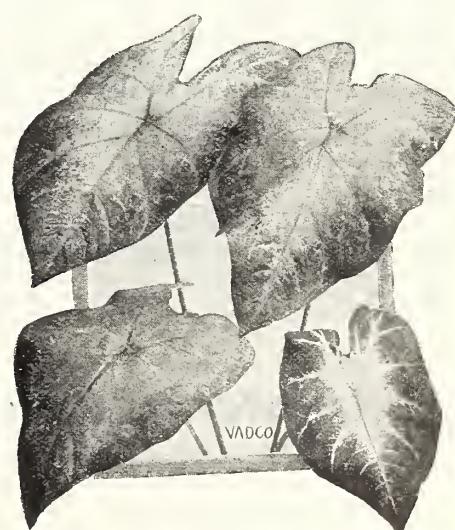
No. B235—Extra Size Caladium Bulbs
9 to 11 inches in circumference. Price 35c each; \$4.00 per dozen.

No. B236—First Size Caladium Bulbs
7 to 9 inches in circumference. Price 20c each; \$2.00 per dozen.

AZALEA PLANTS

This beautiful hardy shrub is particularly well adapted to our Southern soil and climate. They bloom continuously from Christmas till Easter and no other shrub produces such a charming effect as the Azalea. Shipped from our growers at proper planting time and entirely separate from seed orders.

We can supply the following separate varieties: Pink, White, Salmon and Red. From 4 to 6-inch pots, \$1.75 each. From 8 to 10-inch pots, \$3.00 each.



Fancy Leaf Caladiums

Van Antwerp's

PRIZE GLADIOLUS

For Spring Planting

Van Antwerp's Michigan grown Gladiolus Bulbs are far superior to cheap Southern grown bulbs. They will produce immense spikes of blooms like the illustration on this page. Gladiolus or Sword Lilies as they are sometimes called, grow beautifully in all Southern states and are one of our most satisfactory flowers.

Every year Van Antwerp's sell thousands of these bulbs, and you will be delighted with these Michigan grown bulbs as they do better when brought here from the cold climate.

CULTURE. Plant the bulbs any time from March 1st until June. Put the bulbs 4 inches deep and from 6 to 10 inches apart according to the space you desire to cover.

***No. B27—America**—Perhaps the most popular Gladiolus grown, immense flowers of exquisite soft pink, glistening in the sunlight as if sprinkled with diamond dust. 7c each; 6 bulbs 35c; 60c dozen; \$4.00 per 100, postpaid.

No. B26—Alice Tiplady—A wonderful variety of an entirely new and distinct color, a rich orangy saffron, very beautiful and artistic blooms, the largest and finest of the *Primulinus* hybrids to date. 10c each; 6 for 50c; \$1.00 dozen; \$7.00 per 100, postpaid.

No. B40—Catherina—Lavender Blue. Heavy throat tongues of blood-red. Wide blooms; 4 open. Exceptional "blue." 12c each; 6 for 70c; \$1.25 dozen; \$8.00 for 100, postpaid.

No. B31—Baron Hulot—Full round flowers of rich velvet purple-violet, lighter in the throat; a small golden rib through the lower petals is contrastingly effective. 10c each; 6 bulbs 40c; 75c per dozen; \$6.00 per 100, postpaid.

***No. B29—Empress of India**—Rich dark maroon. 10c each; 6 bulbs 50c; \$1.00 per dozen; \$7.00 per 100, postpaid.

***No. B33—Le Marechal Foch**—Beautiful shade of light pink, flowers very large, one of the earliest, 7c each; 6 bulbs 35c; 60c per dozen; \$4.00 per 100, postpaid.

***No. B35—Wilbrink**—Pale livid pink with creamy blotch on lower petal. Invaluable to florists; very early and fine cut-flower. 10c each; 6 bulbs 40c; 75c per dozen; \$5.00 per 100, postpaid.

***No. B39—Mrs. Francis King**—A most beautiful and vivid pink; 18 to 20 immense flowers borne on a long strong spike. 8c each; 6 bulbs 35c; 60c per dozen; \$4.00 per 100, postpaid.

No. B41—Mrs. Frank Pendleton—Salmon-pink, which extends to the reverse side of the petals, as well as in the center, with a rich, deep maroon blotch on the three lower petals. Flowers are wide open and well placed on strong spikes. 8c each; 6 bulbs, 45c; 80c per dozen; \$6.00 per 100, postpaid.

No. B36—Orange Brilliant—An exquisite rich blending. Wide blooms. 8c each; 6 for 45c; 80c per dozen; \$6.00 per 100, postpaid.

No. B28—1910 Rose—A beautiful deep rose pink large spike. 8c each; 6 for 40c; 75c dozen; \$6.00 per 100, postpaid.

***No. B42—L'Immaculee**—A favorite pure white for cutting; splendid spikes; early. 10c each; 6 for 50c; \$1.00 dozen; \$7.00 per 100, postpaid.

No. B30—Evelyn Kirtland—A splendid variety with large flowers of wonderful substance of rosy pink at the edges passing to shell-pink in the throat, with fiery scarlet blotches. 10c each; 6 for 50c; \$1.00 dozen; \$7.00 per 100, postpaid.

***No. B32—Halley**—Immense flowers of bright orange-rose and having a softer yellowish tint in the throat. 8c each; 6 for 40c; 75c dozen; \$6.00 per 100, postpaid.

***No. B44—Anna Eberius**—Violet Purple. One of the world's finest; heavily blotched richest purple. Wonderful rich coloring. 8c each; 6 for 40c; 75c dozen; \$6.00 per 100 postpaid.

***No. B38—Louise**—Richest Lavender. Large, wide blooms. Strikingly marked rich, royal purple. Nothing more beautiful. 12c each; 6 for 70c; \$1.25 dozen; \$8.00 per 100, postpaid.

No. B34—Herada—Very large flowers of pure mauve with deeper markings in the throat; on tall, straight spikes. An unusual color and very effective cut flower. 8c each; 6 for 40c; 75c dozen; \$6.00 per 100, postpaid.

No. B48—Panama—An improved America, largest and most notable spike of bloom among all pink sorts. 10c each; 6 bulbs 45c; 80c per dozen.

No. B43—Flora—Fine golden yellow; very large flowers. 10c each; 6 bulbs 50c; \$1.00 per dozen; \$7.00 per 100.

No. B46—War—A magnificent variety of rich ox-blood red; shaded with darkest crimson. 12c each; 6 for 70c; \$1.25 per dozen; \$8.00 per 100, postpaid.

***No. B49—Niagara**—Immense flowers of soft nankeen yellow, toned with bright lemon and overlaid with a slight rosy flush. 8c each; 6 for 40c; 75c per dozen; \$6.00 per 100.

No. B37—Prince of Wales—A large, tall-growing and sturdy variety with heavy blooms of bright coral-pink. 10c each; 6 bulbs 45c; 80c per dozen; \$6.00 per 100.

***No. B45—Schwaben**—Pure canary-yellow, with a carmine blotch deep in the throat which aids in detracting from its uniformity in color. Flowers are wide open, large in size and well placed on strong spikes of medium height. 10c each; 6 bulbs 40c; 75c per dozen; \$5.00 per 100.

***No. B47—Peace**—Flowers are large, of good form, correctly placed on heavy straight spike. Beautiful white, with lilac feathering on lower petals. 10c each; 6 bulbs 40c; 75c per dozen; \$5.00 per 100.

No. B50—Vadco Rainbow Mixture of Gladiolus—This famous mixture of Gladiolus Bulbs well deserves the name of rainbow. It is a well-blended combination of all the choice named varieties and is far superior to the ordinary mixtures generally sold. (See illustration.) **VADCO RAINBOW MIXTURE**, 3 bulbs 15c; 6 bulbs 30c; 50c per dozen; \$3.50 per 100; 1,000 for \$30.00, postpaid.



VAN ANTWERP'S BARGAIN GLADIOLUS COLLECTION No. B52

12 LARGE BULBS FOR 65c POSTPAID

You get 1 bulb each of the 12 varieties marked with a * on this page. All named varieties. The complete collection, 12 bulbs, for 65c postpaid. Order Collection B52.



Patrick O'Mara Decorative Dahlia—No. B115

PEONY-FLOWERED DAHLIAS

No. B131—**Bessie Seabury**—White, very daintily overlaid a delicate mallow-pink. 50c each; 3 for \$1.25.
 No. B132—**Caecilia**—Gigantic creamy white Holland creation. 35c each; 3 for \$1.00.
 No. B134—**Grace Kirschner**—White daintily overlaid cameo-pink, blossoms very large. 50c each; 3 for \$1.25.
 No. B136—**Latona**—Holland Peony-flowered Dahlia. A buff yellow. 50c each; 3 for \$1.25.
 No. B137—**Mme. Van Bystein**—Rosy lilac, changing to light blue. 50c each; 3 for \$1.25.

NEW AND RARE DAHLIAS

No. B141—**Bonnie Brae**—Cream, shaded blush pink, large, one of the best. (New decorative.) \$1.00 each.
 No. B142—**Elizabeth Slocombe**—Rich purplish-garnet. Long, stiff stems. (New decorative.) \$1.00 each.
 No. B143—**Gloriana**—A pure gold color, slightly reddish towards the center. Long, leafless stem. None better for cutting. (New decorative.) 60c each.
 No. B144—**Gladys Sherwood**—(Hybrid.) A pure white beauty with good stems. (Cactus.) \$1.00 each.

No. B145—**Jane Selby**—Exceptionally large flower of a delicate mauve pink. Great substance and good formation, on strong stems well above the foliage. A prize winner. (Decorative.) 75c each.

No. B146—**La Favorita**—(Hybrid.) A beautiful brilliant salmon, shading from dark to a pinker salmon at the twisted points, perfect center, good stem. (Cactus.) \$1.00 each.

No. B147—**Mrs. Carl Selbach**—A mauve-pink, with occasional blippings of white, the general impression being pink. (Decorative.) \$1.00 each.

No. B148—**Mrs. I. De Ver Warner**—Deep mauve-pink. One of the very best Dahlias grown. Long, stiff stems and excellent for cut-flowers. (Decorative.) \$1.50 each.

No. B149—**Pride of California**—Huge crimson red produced on long, straight stems. (Decorative.) 60c each.

No. B155—**Snowdrift**—A giant, clear white. The flower has good decorative type. (Decorative.) \$1.00 each.

SELECT CACTUS DAHLIAS

No. B168—**Bertram S. Varian**—(Incurved Cactus.) A very brilliant, deep scarlet of the moderately incurved form, of good size on long stems. This is one of the freest flowering Dahlias. 50c each; 3 for \$1.25.

No. B169—**Bride's Bouquet**—(Hybrid.) An ideal white cactus and a Dahlia that stands up well when cut. 50c each; 3 for \$1.25.

No. B171—**Countess of Lonsdale**—Deep salmon-red. 50c each; 3 for \$1.25.

No. B172—**Gen. J. B. Seth**—Rich, brilliant scarlet with orange scarlet shadings. 60c each; 3 for \$1.50.

No. B173—**J. H. Jackson**—The largest and best dark Cactus Dahlia to date, almost black. 25c each; 3 for 60c.

No. B175—**Libelle**—Clear, deep, rose-purple. 25c each; 3 for 60c.

No. B178—**Mrs. C. H. Breck**—(Hybrid.) A new Cactus Dahlia of low passing to various shades of rose-pink. 50c each; 3 for \$1.25. COLLECTION No. B180. 1 Bulb each above 7 varieties for \$2.75.

Van Antwerp

Field grown DAHLIA ROOTS

Van Antwerp's Dahlia Roots are grown by the world's largest Dahlia grower who has won thousands of prizes for his dahlia blooms. They will bloom from July until killed by frost and once planted come up and bloom every year.

Culture.—Dahlias thrive best in a sunny location. Work the soil to a depth of 8 inches and pulverize thoroughly, mixing with it dry sheep manure. From March 1st to May 15th plant the bulbs, about 6 inches deep, laid flat with the eye up and cover with 2 inches of soil. Above this place two handfuls of fertilizer mixed with soil (for each bulb) and fill to the level with soil. Top dress periodically during growth and cultivate frequently but less deeply as the growth advances. It is best to have plants stand 2 feet apart in rows which are 3 feet apart.

During severe winters cover with straw or brush to protect the roots from freezing.

SUPERB DECORATIVE DAHLIAS

No. B101—**Easton**—Not extra large, but a variety of brilliant color, good form and remarkably free flowering habit. In color, a brilliant Turkish red. 35c each; 3 for \$1.00.

No. B102—**Frank A. Walker**—(Decorative Seedling.) A charming shade of deep lavender-pink. For garden decoration or for cut flowers this variety is exceptionally good, having long stems and producing flowers in great abundance. 35c each; 3 for \$1.00.

No. B103—**Jack Rose**—The identical shade of the rose with the same name. Free-flowering. 25c each; 3 for \$1.00.

No. B104—**Le Grand Manitou**—The color of this superb variety is pure white artistically striped, splashed and blotched deep violet-purple. The plants occasionally bear a solid purple-colored flower. 50c each; 3 for \$1.25.

No. B105—**Melody**—Clear canary-yellow, tinting to creamy white at the tips. Delicate and pleasing. 25c each; 3 for 60c.

No. B106—**Mina Burgle**—A glowing and most brilliant scarlet. The flowers are of perfect decorative type and are borne upon long, wiry stems well above the foliage. 35c each; 3 for \$1.00.

No. B109—**Minos**—The color is intense velvety maroon, almost black. An ideal cut-flower variety. Fine for all uses. 25c each; 3 for 60c.

No. B112—**Ora Dow**—A beautiful velvety maroon, effectively tipped white. 25c each; 3 for 60c.

No. B113—**Patrick O'Mara**—Gold Medal by American Dahlia Society as best autumn shade in existence. Giant flowers, 7 to 9 inches, long stems, free bloomer; vigorous. Soft orange buff, tinged rose. See illustration. 75c each; 3 for \$2.00.

No. B114—**Queen Mary**—Not large, but of perfect form and tender, soft apple-blossom-pink color. 35c each; 3 for \$1.00.

No. B115—**Sylvia**—White edged pink. 20c each; 3 for 50c.

COLLECTION No. B116. 1 Bulb each above 11 varieties for \$3.50.

CHOICE SHOW DAHLIAS

No. B118—**A. D. Livoni**—A splendid clear bright pink. 25c each; 3 for 60c.

No. B119—**Maude Adams**—Pure snowy white overlaid with a clear, delicate pink. 35c each; 3 for \$1.00.

No. B121—**Miss Helen Hollis**—Gigantic Scarlet Show Dahlia. Deep scarlet. Blossoms are on long, stiff stems, well above the foliage. 50c each; 3 for \$1.25.

No. B122—**Princess Victoria**—Pure canary yellow. Long stems, perfect form and free bloomer. 25c each; 3 for 60c.

No. B123—**Red Hussar**—A clear, cardinal red, good stems and a free bloomer. 25c each; 3 for 60c.

No. B126—**Vivian**—A fine white effectively edged rose-violet. 25c each; 3 for 60c.

No. B127—**Yellow Duke**—A splendid primrose-yellow. 35c each; 3 for \$1.00.

COLLECTION No. B130. 1 Bulb each above 7 varieties for \$1.85.

FINE SINGLE DAHLIAS

No. B161—**Aubright Beauty**—Immense snow-white flowers. 25c each; 3 for \$1.00.

No. B162—**Crimson Century**—Deep glowing crimson, shaded darker and tipped rose with rose disc 25c each; 3 for \$1.00.

No. B163—**Rose-Pink Century**—A clear rose-pink color. 25c each; 3 for \$1.00.

No. B164—**St. George**—A very free-flowering clear yellow. 25c each; 3 for \$1.00.

COLLECTION No. B160. 1 Bulb each of the 4 varieties of Single Dahlias. The 4 for 80c, postpaid.

VALUABLE PREMIUMS AND PRIZES

SEE PAGES 5 and 6

FIELD and FARM SEEDS



For Prices on Larger Quantities Than Quoted on This Page, See Green Ink Price List Inserted in Front of This Catalog.

Selected Seed Corn

No. 398—Vadco Truckers' Favorite

Without a doubt our Vadco Truckers Favorite Corn is the most popular roasting ear corn in Alabama. Every year we sell large quantities of this variety to the farmers of Mobile and Baldwin counties, Alabama. It matures in 65 to 85 days, depending on where planted. This beautiful white deep grain corn is very tender and sweet and makes splendid roasting ears but is also planted as a field corn. It matures before White Dent and makes delicious meal. Vadco Truckers Favorite produces ears about 8 inches long and usually has two or more ears to the stalk. Large growers insist on our northern grown strain on account of its early maturing qualities. We can strongly recommend this corn but advise that you order early as for many years our supply has been sold out before the planting season was over. Price—Vadco Truckers Favorite Corn—Pkt. 10c; lb. 30c; 2 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F13—Van Antwerp's Paymaster

Red Cob Corn—This is an absolutely 95 to 100 per cent TWO-EARED CORN—many of the stalks with three good ears. A deep white grain on a very small bright RED COB—stands the drought—has a short, stocky stalk—does not blow down easily, and will mature in 100 to 110 days. Big yielder—75 to 125 bushels to the acre—according to soil. One of the highest feeding varieties and best milling corn on earth. NEVER FAILS TO MAKE A CROP. Price, $\frac{1}{2}$ lb. 10c; lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F15—Champion Early White Dent

—It is an Early White Dent coming in almost as early as the Adams Early, but much larger; sample ears have been shown us 14 inches in length and 3½ inches in diameter. For stock feeding it is very valuable; coming as it does at a time when all fodder is very short, it fills a breach which all stock feeders can appreciate. Again, it is a corn that has made itself before the hot, dry weather, and when other field varieties must make their growth. Champion Early White Dent is a safe crop to plant anywhere. It adapts itself to soils of any degree of fertility. On rich lands Champion will make enormous yields, and on thin land it adapts itself to hard conditions, and will come nearer to making a crop than any other corn you can plant. Price, $\frac{1}{2}$ lb. 10c; lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F9—Large Golden Yellow Dent

Corn—Large Golden Yellow Dent is a medium early corn, and matures in 110 to 120 days. A beautiful rich golden color; large deep grains with large, oily germs; medium cob, 16 to 22 rows, many ears weighing a pound and a half each. While not a two-ear variety, many of our customers class it as such. We have yet to find a field of this variety with over 5 per cent barren stalks. The stock and chicken feed manufacturers always pay a premium for this rich colored corn. After our stocks are sold, we will have no more to offer, as we do not buy a grain of corn from other growers. Price, $\frac{1}{2}$ lb. 10c; lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F1—Hastings' Prolific

—Hastings Prolific is planted extensively in Georgia and in limited quantities in other Southern states. It takes 120 to 130 days to mature. The stalks grow 8 to 12 feet high depending on soil and weather conditions. The ears average 2 to the stalk, are medium size and well filled. The cob is small. Seventy pounds of ear corn will usually shell out 55 to 60 lbs. of grain. Shuck is heavy and covers the ears tightly, keeping out birds and insects. It's a good variety for roasting ear corn, also for making meal and stock feeding. Be sure to get Van Antwerp's re-selected seed of this variety. Price, pkt. 10c; $\frac{1}{2}$ lb. 15c; lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F14—New Mammoth White June

Corn—Our strain of Mammoth White June Corn is vastly superior to the Mexican June, as we consider this variety a mongrel of the worst type. The Mammoth White June Corn is a beautiful snowflake white, soft and of fine texture. Ears average eight to ten inches, always filled out from tip to butt and very uniform in size and type. It has a decided double ear characteristic, one reason for its fine yield records. Get away from planting Mexican June, as Mammoth White June Corn will produce a much heavier crop of better corn than any June variety in existence. Price, $\frac{1}{2}$ lb. 15c; lb. 25c; 2 lbs. 35c; postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F3—Hickory King—The grain is so wide and deep and the cob so small that often a single grain will cover the end of a broken cob. It has been called the Poor Man's Corn because it can be depended upon to produce a crop on poor, thin land; on good land it bears two ears to the stalk. Price, $\frac{1}{2}$ lb. 15c; lb. 25c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F6—Surecropper—Surecropper is a very quick maturing corn and is largely planted in the South, especially in Texas, Louisiana and Arkansas. Surecropper is a heavy yielder, some growers reporting to us as high as sixty to eighty bushels to the acre. It's a white grain variety and also a white cob. The ears are not quite as large as some varieties, but Surecropper shells 82 to 85 per cent grain. Price, $\frac{1}{2}$ lb. 10c; lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F19—Silver Mine, Iowa Grown

The type of this corn in very even and uniform; ears run from 9 to 12 inches long; 16 to 22 rows of pure white kernels solidly set on a medium white cob; ears well filled out at butt end and tip end. Matures in 100 days. For roasting ears, ready in 80 days. Price, $\frac{1}{2}$ lb. 15c; lb. 25c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F55—Gold Mine, Iowa Grown

The same as Silver Mine, only the kernels are golden yellow. Price, $\frac{1}{2}$ lb. 15c; lb. 25c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F11—Early White Snowflake Corn

—This corn is largely planted for milling and feeding purposes. Ears 10 to 12 inches long, pure white with smooth capped grains. Well known and quite popular in the Southern corn belt. Price, $\frac{1}{2}$ lb. 15c; lb. 25c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

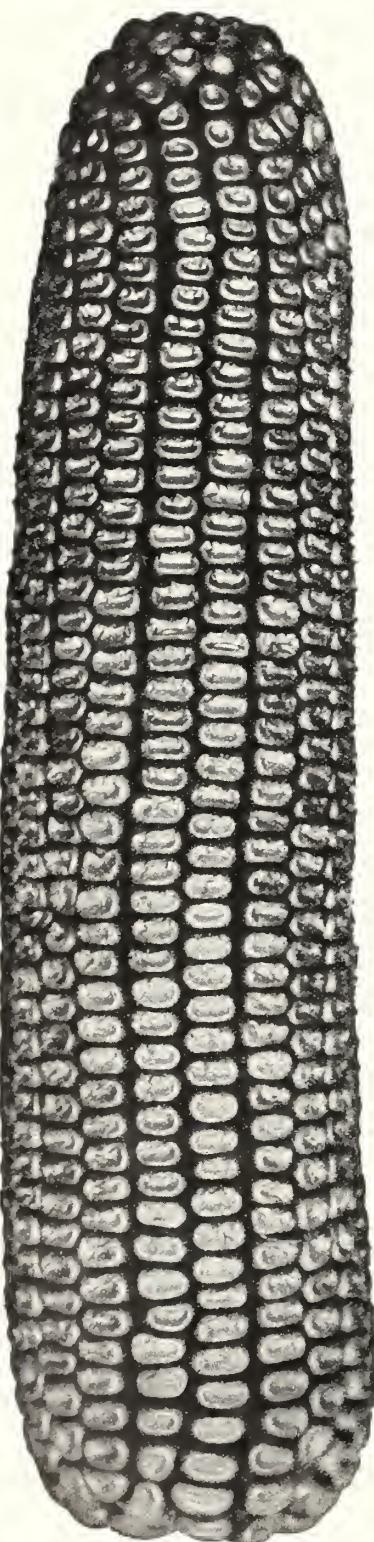
No. F5—Improved Early Leaming

A standard yellow corn for general field purposes in the South. It is usually planted for green feed and ensilage. Price, $\frac{1}{2}$ lb. 10c; lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F27—Eureka Ensilage—Eureka is a double purpose corn, for aside from being a first-class ensilage corn, as a field variety it ranks high in yield. It is tall and leafy, 12 to 15 feet high, with an enormous growth of fodder. Price, lb. 25c; 2 lbs. 40c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F7—Mexican June Corn—This variety originated in Mexico and is largely planted in the South. It is a corn for late planting and should not be sown before May 1st, and can be sown thereafter until as late as August 1st. The grains are mostly white with a large number of blue and red cob grains running through it. If it is wanted for forage and ensilage plant in May and for grain plant late in June or July. Splendid drought resister and recommended as the best keeper of all corns, being practically free from weevil. We recommend our New Mammoth White June Corn described on this page as superior to Mexican June as it's a true pure white variety free from mixed grains, and suggest you also give it a trial so that you can compare it with Mexican June. Prices, $\frac{1}{2}$ lb. 15c; lb. 25c; 2 lbs. 35c, postpaid. For prices on large quantities see Green Ink Price List inserted in this catalog.

Special Notice—Our corn is strictly southern grown, which is the best for planting in the South. Northern grown corn is usually unsatisfactory for the South and we do not recommend it or offer it for sale with of course the exception of a few varieties such as Silver Mine, which is western grown. You will find our seed corn is carefully selected and true to name, butted and tipped and very uniform seed. The Southern grown has stronger vitality and better germination. Corn is one of our great specialties. Try Van Antwerp's Corn this year.



Ear of Van Antwerp's Large Golden Yellow Dent Corn No. F9

sider this variety a mongrel of the worst type. The Mammoth White June Corn is a beautiful snowflake white, soft and of fine texture. Ears average eight to ten inches, always filled out from tip to butt and very uniform in size and type. It has a decided double ear characteristic, one reason for its fine yield records. Get away from planting Mexican June, as Mammoth White June Corn will produce a much heavier crop of better corn than any June variety in existence. Price, $\frac{1}{2}$ lb. 15c; lb. 25c; 2 lbs. 35c; postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

FIELD and FARM SEEDS



For Prices on Larger Quantities Than Quoted on This Page, See Green Ink Price List Inserted in Front of This Catalog.

Cotton Seed

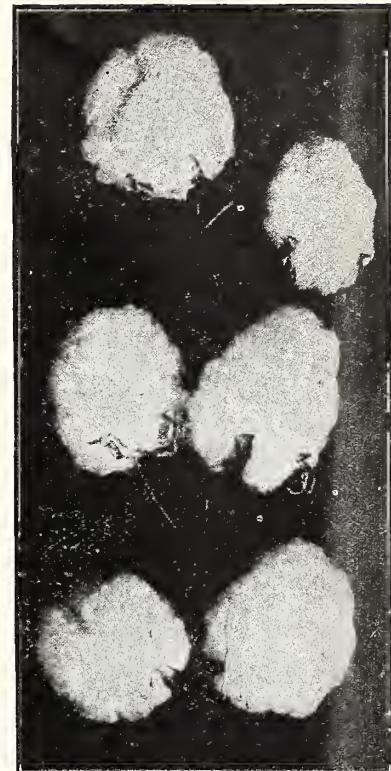
No. F179—Cleveland Big Boll—A hardy, drought resistant cotton that opens its boll early enough to escape sections. It makes a medium sized stalk with branches sturdy enough to support the large heavy bolls. The staple is about an inch long, is strong and heavy, and averages 40 per cent lint. It is as free from disease as any big boll cotton. Price: Lb. 20c; 3 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F178—A New Cotton—Delfos 6102—This sensational variety was bred at the Delta Branch Experiment Station, Stoneville, Mississippi, from the well-known Foster. It is the most wonderful staple cotton ever developed to combat the boll-weevil. Makes earlier than other varieties. Ordinarily it will make from 150 to 175 bales on 200 acres. This staple varies from $1\frac{1}{2}$ to $1\frac{3}{4}$ inch, depending upon the season and the amount of fertilizer. It is strong and silky and is greatly in demand by spinners. The turnout is very high for a cotton of this staple, 1,600 pounds of seed cotton making a 500-lb. bale, averaging 31 per cent, 73 bolls to the pound, which readily shows it is a big boll variety. The plant is very dwarf with long fruiting limbs, very small leaves. It is one of the earliest and most rapidly maturing varieties known. Price: Lb. 20c; 3 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F177—Simpkin's Prolific—A medium size boll very prolific, quick maturing variety that is well adapted to boll weevil sections. Resembles King very much in growth and shape. It grows a strong, hardy plant, limbs out close to the ground, and fruits early and heavily. Price: Lb. 20c; 3 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F183—Improved Early King—In sections where the boll weevil is prevalent or where the season is short, an early maturing cotton is absolutely necessary, even regardless of the size of the boll or length of lint. The Improved King will make its crop as early as any small and medium boll cotton. Price: Lb. 20c; 3 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F185—Bank Account—It opens earlier than other extra earlies, and it doesn't blow out or drop out deeply, resisting both drouth and storms. It branches well and has light, open foliage, letting in the sun to all parts of the plant. Price: Lb. 20c; 3 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

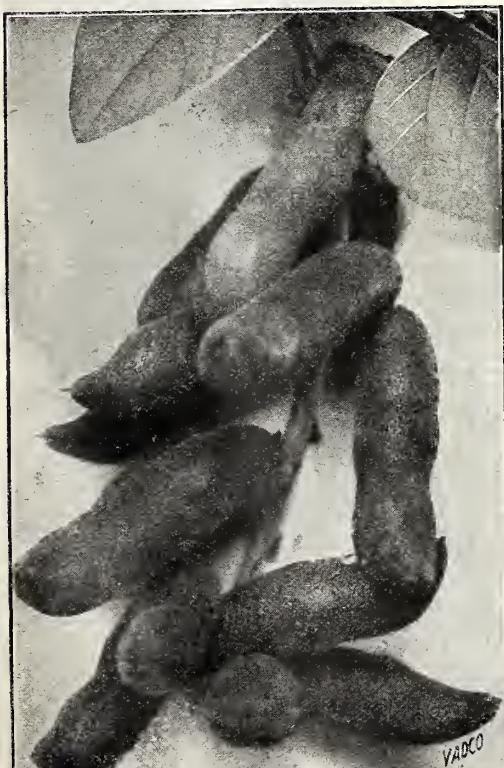


Cleveland Cotton No. F179

Oats

No. F155—Red Rust-Proof Oats—The Red Rust-Proof Oats have attained a prominent place in farming operations. This is particularly true in the coast region where other varieties have not proved altogether satisfactory, but where the Red Rust-Proof seems to be especially well adapted to the light, sandy soil of that section. They are vigorous growers, robust and productive, and have heavy heads. They are also preferred for sowing on low grounds and on land where other varieties seem inclined to rust. Price: 4 lbs. ($\frac{1}{2}$ peck) 35c; 8 lbs. (peck) 65c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F157—Burt, or Ninety-Day Oats—It makes a good growth of straw, is an abundant yielder of bright, clean, heavy grain, is free from rust, and what is of equal importance when plantings are late, it is of early maturity. Early plantings can be cut in time to put the same land in corn, peanuts, cowpeas, millet or other summer crops. The grains somewhat resemble the Red Rust-Proof. Price: 4 lbs. ($\frac{1}{2}$ peck) 35c; 8 lbs. (peck) 65c, postpaid. For prices on larger quantities see Green Ink Price List.



Extra Early Speckle Velvet Beans No. F193

Crowder Peas

The crowder pea is gaining popularity as a table pea in many sections of the South; in fact it's taking the place of the English Garden Pea. They are very prolific and grow larger than the ordinary cow pea, making bushy upright plants which need no support. The peas are very close together in the pod and are slightly flattened at the sides as the pods contain as many as twenty perfect peas. The White and Cream Crowders are the most largely used for table, being extremely sweet makes them an ideal table pea. We offer the following 3 varieties of Sugar Crowder Peas.

No. F99—White Sugar Crowder. No. F101—Cream Sugar Crowder.
No. F102—Yellow Sugar Crowder.

Prices: Any above varieties of Sugar Crowder Peas, plt. 10c; $\frac{1}{2}$ lb. 20c; 1b. 35c; 2 lbs. 60c; 5 lbs. \$1.25, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

Recleaned Velvet Beans

No. F189—Bush Velvet Beans—Recommended for planting in orchards or in cornfields where a heavy growth is desired for forage or soil improvement, that at the same time will not cover or pull down the corn. On ordinary land it grows about two feet high, spreading out for several feet, and if planted 15 to 18 inches apart is claimed to produce nearly as much forage as the vining varieties. It is about three weeks later than the 100-day bean. Price: 1 lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F193—Extra Early Speckle Velvet Beans—An extra early Velvet Bean that is largely grown throughout the South, and extremely popular. It is one of the quickest-growing and earliest maturing of the Velvet Beans and is well adapted for growing in districts further North than Velvet Beans ordinarily have been grown. You can plant these beans during May and June, and they will mature in time for fall planting. Price: 1 lb. 15c; 2 lbs. 30c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F195—Osceola Velvet Beans—The Osceola has given excellent results as a forage crop, as the Early Speckled or 100-Day, with pods larger and farther advanced in the same length of time. It also has the advantage of being free from the itching furze. Price: 1 lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

Van Antwerp's Mung Beans

Mung Beans were introduced into this country about seven years ago from India and China. They have proved the best legume crop for all Southern farmers and will grow on any kind of land. They are far better than Soy Beans, Cow Peas or Velvet Beans and they succeed in the driest weather and under conditions that any of the other legume crops fail. The Alabama Experimental Station found Mung Beans were not bothered by the Mexican Bean Beetle which often destroys other legume crops. Mung Beans grow 3 to 5 feet high according to the soil where they are planted and have no vines to tangle the mower; besides, they are easily cut, make the finest kind of hay which any stock will eat up clean. They should be planted during the months of May, June and July; the later plantings make a smaller plant but heavier seeder. Sow at the rate of 3 to 5 lbs. to an acre in $3\frac{1}{2}$ foot rows or 10 to 15 lbs. to an acre broadcast. You can get a crop of Mung Beans off in plenty of time to sow fall grain. Van Antwerp's Mung Beans are re-cleaned and the finest seed you can get in the South. We sold thousands of pounds of them last year and our customers were delighted with the results. Be sure to give them a trial. Price: Van Antwerp's Mung Beans, 1 lb. 35c; 2 lbs. 60c; 4 lbs. \$1.10, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

FIELD and FARM SEEDS



For Prices on Larger Quantities Than Quoted on This Page, See Green Ink Price List Inserted in Front of This Catalog.

WHY BUY GRAIN AND FODDER?—GROW YOUR OWN



TENNESSEE GOLDEN MILLET

A FINE
CATCH CROP

To have the finest millet hay sow thickly, not less than a bushel to the acre, from the middle of May till the end of July. This seeding makes coarse stems and a poorer hay. Do not sow common or Western millet, as it does not do well in the South. Golden or German Millet makes a quickly grown, easily cured and large yielding, nutritious hay crop. Should be cut when coming into flower, as after that stage the woody fibre forms in the stem and the hay is hard and unpalatable. Cut at the proper time, it makes a splendid hay. As a summer catch crop it has few equals, for it makes its crop in about sixty days.

Growing millet with an early variety of cow-peas like Whippoorwill is becoming quite popular, three pecks of millet being sown with a bushel of cow-peas. See illustration.

No. F159—Tennessee Grown Golden Millet—Price: Lb. 30c; 2 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F163—Pearl, or Cat-Tail Millet—It will grow 10 to 12 feet high, but cutting can be commenced when it has attained the height of 3 to 4 feet, when it will stool out enormously, and make rapid growth; can be cut in this way three or four times in a season. It is largely used by dairymen and others who have cattle for furnishing them with green feed through the summer, as if a sufficient quantity is sown, it can be cut as desired, furnishing a daily supply of green feed until killed by freezing. It can be fed either green or cured as dry forage, making a most nutritious feed. Sow thinly in rows 3 feet apart at the rate of 8 to 10 pounds to the acre. Price: Lb. 25c; 5 lbs. 80c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F255—Egyptian Wheat or Shallu—Will grow in the driest weather. A splendid feed for chickens. It is a variety of the sorghum family, with large, loose bushy heads, covered thickly with small grains. If it is used for fodder purposes, it may be cut about three times a year, yielding in the three cuttings from 5 to 7 tons per acre. Grows 6 to 8 feet high. Plant from January until July, depending upon your locality. We recommend sowing 10 pounds to the acre in rows 3½ to 4 feet apart. Sow broadcast at the rate of 25 pounds to the acre. Price: Lb. 20c; 4 lbs. 70c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F21—White Kaffir Corn—This variety grows from 4 to 8 feet tall, making a straight, upright growth. It has a strong stem with enormous wide leaves. The stalks keep green and are brittle, making excellent fodder, either green or dried, which is highly relished by cattle and horses. The heads, which are formed in the top of the stalks, range in length from 6 to 15 inches. For the grain sow in rows 3 feet apart, 10 pounds to the acre. For fodder, sow from one-half to one bushel to the acre, either broadcast or in drills. Price: Lb. 15c; 2 lbs. 25c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F23—Red Kaffir Corn—The heads grow long and slender, and measure from 12 to 18 inches in length. The seeds are red. Price: Lb. 15c; 2 lbs. 25c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F259—Feterita—Feterita is an Egyptian forage plant and similar to Kaffir Corn in habit except it produces larger heads and grows taller. It matures a month earlier than Kaffir Corn or Milo Maze. Sow in rows like Kaffir Corn, 8 lbs. to the acre. Price: Lb. 15c; 2 lbs. 25c; 5 lbs. 60c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F233—Buckwheat—Grown both for the flour and for poultry feed and especially for pasture for bees, for which it is excellent. We have found that the Japanese variety is preferable. Sow 1 bushel broadcast in May to July per acre. Price: Lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F24—Milo Maize—The plant makes fine feed and ensilage, especially when mixed with soy beans or cowpeas, and the grain is fattening for cattle and poultry. For fodder and ensilage cut when in the dough state; at this stage it has a feeding value practically equal to corn. It grows on all soils from sandy to heavy clay loam. Plant in 3½ foot rows after the ground is thoroughly warm, and give it the same cultivation you would corn. 6 to 8 lbs. will plant an acre. Prices: Lb. 20c; 2 lbs. 35c; 5 lbs. 60c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F237—Sunflower—Mammoth Russian—Plant and cultivate as you would corn, though it may be planted much earlier, as the seed is not injured by slight freezing of the ground. Plant in any waste space during the early spring up to middle of July, sowing at the rate of 8 to 10 pounds to the acre. Price: Lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List.

SORGHUM AND SUGAR CANE

No. F175—Texas Seeded Ribbon Cane—It makes syrup of a bright amber color and fine flavor. The syrup yield is good, frequently from 175 to 200 gallons to the acre. As it grows 10 to 12 feet tall, with an abundance of fodder, it makes a most economical ensilage, filling the silo at a minimum of cost. Plant in 3½ foot rows when the ground has become thoroughly warm, thin out to stand 10 to 12 inches apart in the rows, and cultivate just as you do corn. Price: Lb. 20c; 5 lbs. 65c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.



Tennessee Golden Millet No. F159

No. F167—Early Amber Cane—One of the earliest sorghums and furnishes a large yield of most nutritious forage which may be fed either green or cured. Grows 10 to 12 feet high. Sow broadcast 1 to 1½ bushels to the acre; 5 to 6 lbs. plant an acre in 3½ to 4 foot rows. Price: Lb. 20c; 5 lbs. 65c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F173—Red Top (Sumac)—A very valuable variety, largely planted in Southwest Texas. Later, larger growth and better drouth resister than either the Orange or Amber. Not good for syrup. Price: Lb. 20c; 5 lbs. 65c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F169—Early Orange Cane—About ten days later than Early Amber Cane, but makes a taller and more leafy growth. Price: Lb. 20c; 5 lbs. 65c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

Texas Seeded Ribbon Cane No. F175

FIELD and FARM SEEDS



For Prices on Larger Quantities Than Quoted on This Page, See Green Ink Price List Inserted in Front of This Catalog.

SOY BEANS

CULTURE—Soy beans may be planted either broadcast or in drills. Usually a better crop is had when planted in drills and cultivated, and few crops leave the land cleaner and in better condition for the following crop. They grow equally well on light and heavy soils, but on heavy soils they should not be planted more than 1 to 1½ inches deep except in dry seasons. On light sandy soils plant deeper, but not more than 3 inches deep. When sown broadcast sow 1 to 1½ bushels to the acre; in drills about a peck to the acre. Plant in April, May or June.

No. F139—Laredo—The Laredo Soy Bean is a medium early variety with a growing habit somewhat like the O-Too-Tan, in that its bushy growth consists of a large number of fine stems, though unlike the O-Top-Tan, in that the stems put out at the ground and are heavily fruited from the base to the tips of the branches. It is both wilt resistant and nematode resistant, making it suited to a wider range of soils and farm uses than any other variety. As a soil builder it ranks favorably with other summer legumes making equal growth. It is a certain fruiter and a good crop is assured where it is given a fair showing. Laredo Soy Beans may be planted from the earliest cotton planting date to the first of July with reasonable certainty of a good crop. The larger yields may be expected on the earlier planting. The seed of the Laredo are very small and one bushel will plant from 8 to 10 acres in 2½ foot rows. Price: Lb. 30c; 2 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F133—Otootan—Few soy beans can equal Otootan as a hay maker. Its late maturity is more than overcome by the abundant growth—5 feet and more in long growing seasons—its fine stems and abundant foliage and the fine texture of its hay which cures quickly. Price: Lb. 30c; 2 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F135—Biloxi—An upright variety growing 4 to 5 feet high, covered with a dense mass of foliage that does not shed easily. A heavy yielder of beans; the oil and protein contents are high; a fine bean for hogging down, for planting with corn or sorghum and for oil. The pods are less liable to pop than most varieties. Price: Lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F131—Mammoth Yellow—The latest, yet the most extensively grown for both beans and forage, both of which it yields in great abundance. It grows more than 3 feet high, is erect in growth and can be cut with a mower. Price: Lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List.



Chufas or Earth Almonds No. F241

SELECTED COWPEAS

Cowpeas make one of the largest yielding and most nutritious forage crops grown. It is not necessary to turn under the crop of vines to improve the soil, it being much more economical to cut off the crops of vines and cure them as hay or forage crop; then turn under the roots and stubble, thus enriching the soil.

No. F87—Brabham—The Brabham Pea is rapidly growing in popularity everywhere. The seeds are similar in appearance to Whippoorwill, but smaller, and do not require to be seeded as thickly as other kinds. It is disease-resistant, vigorous in growth, holds its foliage well. Price: Lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F89—Large Black-Eye—The most popular and most extensively grown of all the Black-Eye varieties. The peas are larger, the vines are of taller growth, and they yield more abundantly. They are always in demand, both green and dried. Price: Lb. 25c; 2 lbs. 40c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F93—Whippoorwill—A favorite bunching sort. Has brown speckled seed; easy to gather on account of bush habit. Price: Lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F91—Iron—Has proven to be disease and drought proof. Vigorous in growth, medium early to mature; will retain its leaves and foliage better and longer than any other kind; very prolific bearer. Well adapted for sowing at the North. Seeds small. Price: Lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F97—Gallavant, or Lady—Peas are very small in size, but are of a fine, rich flavor; a most superior table Pea. The most desirable of all varieties to grow for home use. Known by many as the Lady Pea. Price: Lb. 30c; 2 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F96—Mixed Cowpeas—Most planters prefer a mixture of Cowpeas because they grow off better and thicker, making a better crop of vines and forage than single varieties alone. For soil improving purposes there is a real advantage in planting mixed Cowpeas. Price: Lb. 20c; 2 lbs. 35c; 5 lbs. 75c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F95—Clay—Quite a favorite with many; has a clay-colored seed. Is a splendid land improver, prolific both in yield of peas and vine. Price: Lb. 20c; 2 lbs. 35c, postpaid.

PEANUTS

Any soil that will grow corn or cotton will grow peanuts; on light sandy or loamy soils there are few crops more profitable. In addition to the yield of nuts, the hay is superior to alfalfa in fat and almost equal in protein.

No. F208—Tennessee Red Peanuts—A variety that satisfies anyone who desires a peanut well adapted to the South and yet larger in size, with a greater number of nuts or kernels than in most sorts planted in the South. A most productive and desirable variety. Pods are large close and well filled, containing 3 to 4 nuts or kernels with red skins in each pod. Of very mild, sweet, enjoyable flavor. Price: Lb. 25c; 4 lbs. 75c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F209—Spanish Peanuts—Although not as large as the other kinds, there is no peanut grown that so entirely fills the pod nor can compare with it in sweetness and flavor. There is also a marked freedom from pops, so frequently found in the large varieties when grown under unfavorable conditions. Price: Lb. 25c; 4 lbs. 75c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F207—Valencia Peanuts—The Valencia fills the demand for a peanut that is larger and containing more nuts than the common varieties. It is splendidly adapted for growing on the light sandy soils of the South Atlantic Seaboard. Price: Lb. 25c; 4 lbs. 75c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

SEED RYE

No. F111—Abruzzi Rye—A tremendous yielder of grain and forage, two to three times as much as ordinary rye. Best rye known for grazing, cover crop or seed purposes. Comes much earlier than other ryees. Stools heavier, makes double the seed and forage on them as made by other ryees. In big demand for grazing and for fall and winter cover crop. Should make 25 to 30 bushels of seed per acre. Has made 25 bushels. Price: Lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F109—Southern Grown—Rye makes a splendid cover crop, and, when grown on land to which it is suited, makes heavy grain head on thick stiff straw about 5 feet high. It is fine for grazing, although the spring growth is not as early as Abruzzi. Price: Lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List.

CHUFAS OR EARTH ALMONDS

No. F241—Chufas—No crop will produce as heavy in proportion to the quality of land as Chufas, some reports of yield being almost incredible. Any land suitable for cotton, corn, potatoes or peanuts will make profitable crops of Chufas. In the Alabama Station test the yield of Chufas was 172 bushels per acre. Chickens and turkeys as well as hogs are very fond of them. Make rows 2½ to 3 feet apart, dropping seed about one foot apart in the row, and covering about 2 inches. Chufas require from 1 to 1½ pecks per acre. Can be planted from April to June; cultivation the same as for bunch peanuts. The crop is usually matured by September 15, and can be left in the ground until time to turn the hogs in, the hogs doing the harvesting. (See illustration.) Price: Lb. 30c; 2 lbs. 55c; 5 lbs. \$1.25, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

FIELD and FARM SEEDS



For Prices on Larger Quantities Than Quoted on This Page, See Green Ink Price List Inserted in Front of This Catalog.

CLOVER SEED



Sweet Clover

No. F59—Medium Red Clover

As a soil builder, red clover is very valuable and is excellent for grazing, green forage and hay. Sow 10 to 15 lbs. per acre broadcast. Price: $\frac{1}{4}$ lb. 20c; 1 lb. 65c; 2 lbs. \$1.10, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F65—Alsike or Swedish Clover—A valuable perennial Clover, growth of fine texture; pinkish blossoms. Not a very deep-rooted Clover. Alsike will thrive on new ground with very little preparation. It will prove more valuable for a pasture than for hay. Price: Lb. 45c; 2 lbs. 80c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F79—Alfalfa, or Lucerne, Kansas Grown—A leguminous plant, very nutritious and rich in protein. Clover-like, growing 2 to 5 feet high. It requires a rich, calcareous soil; must be well drained. Sow 25 lbs. per acre broadcast. Price: $\frac{1}{4}$ lb. 15c; 1 lb. 40c; 2 lbs. 70c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F61—Crimson Clover—One of the best green maturing crops to turn under in field or orchard. Should be sown from August to December. When sown by itself, 25 to 30 pounds are required to the acre; sown with grain or vetches, 15 pounds would be sufficient. Price: $\frac{1}{4}$ lb. 15c; 1 lb. 40c; 2 lbs. 70c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F57—White Clover, Fancy—A small, creeping perennial, used for pasturage and in mixture of lawn grass. Price: $\frac{1}{4}$ lb. 25c; 1 lb. 65c; 2 lbs. \$1.25, postpaid. For prices on larger quantities see Green Ink Price List.

No. F71—Japan Clover or Lespedeza—A low growing leguminous plant, thrives under conditions that no other Clover or Grasses will; very desirable, as it enriches the soil and is of value for pasture during late summer, when other things have died out. Sow 20 to 25 pounds to the acre in the fall of year with grain or grasses. Price: Lb. 30c; 2 lbs. 50c; 5 lbs. \$1.00, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F63—Bur Clover—Is an annual Winter legume, coming from seed each year, and furnishes grazing during the winter. If allowed to go to seed, it will reseed the ground for another winter's grazing. Bur clover should be planted in October at the rate of 20 to 25 lbs. of bulled, recleaned seed to the acre broadcast, or if sown in the bur 60 to 80 lbs. per acre. Price: $\frac{1}{4}$ lb. 15c; 1 lb. 30c; 2 lbs. 55c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

GRASS SEEDS

No. F43—Sudan Grass—Sudan Grass is as big a yielder as Johnson grass, but it has none of the latter's objectional features, for Sudan grass can never become a pest, for it is an annual with short fibrous roots that are killed by frost. Its greatest value is for hay, which is palatable and well liked by stock—the entire plant, leaves, stems and heads, is eaten. Four tons to the acre is not an exceptional yield; eight tons have been grown, where the season allowed four cuttings. The quality of the hay is good, analysis showing that it is equal to timothy and superior to millet. It is also strongly drought resistant.

Sow it after the ground becomes thoroughly warm, say after corn planting time. It may be sown either with a grain drill or in rows two feet apart, and cultivated like corn. When sown in rows it grows 6 to 7 feet high; when sown broadcast it grows 4 to 5 feet high. Price: Lb. 15c; 3 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F45—Carpet Grass—Carpet Grass is fast proving itself one of that section of the South extending from the Atlantic Ocean and Gulf and approximately one hundred and twenty-five to one hundred and fifty miles inland. It is remarkable for its ability to grow on poor sandy soils, thriving far better than Bermuda grass; it thrives vigorously on any kind of soil if moisture conditions are favorable, even if the land is acid, and will furnish more grazing than Bermuda grass. Price: Lb. 65c; 2 lbs. \$1.20, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F41—Bermuda Grass—Bermuda grass is as valuable to the South for grazing as Kentucky blue grass is to the North. It makes a vigorous and persistent growth in every part of the South, lasts for years, stands a long hot summer without injury, grows well in any soil that is not too wet. Price: $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 2 lbs. 90c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F44—Johnson Grass—While considered a pest in many parts of the South, it is now coming to be recognized as one of our most valuable hay and forage plants. In places where its growth can be controlled and kept from spreading into cultivated fields there is no other grass that makes such enormous yields of hay. It should be cut or mowed just when seed heads begin to form, and furnishes about three cuttings per season. There is a great demand for the hay, as it is eagerly relished by all classes of stock, and especially horses. The seed may be planted in early spring or early fall, and at the rate of 50 pounds per acre will give you permanent summer pasture and hay crop forever. Price: Lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F39—Orchard Grass—Orchard grass is a very vigorous grower and yields large crops of excellent and nutritious hay, as well as having special value as a pasture grass, furnishing good grazing from early spring till winter. Price: Lb. 40c; 2 lbs. 75c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F37—Italian Rye Grass—Yields three or four cuttings a year of grass, particularly adapted for rich loamy soils or low grounds; does better in damp situations than other grasses. Price: $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 60c; 5 lbs. \$1.35, postpaid. For prices on larger quantities see Green Ink Price List.

No. F35—English Rye Grass—This grass is becoming more and more appreciated as a pasture grass. It produces an abundance of foliage that remains bright and green throughout the season, will bear frequent and close cropping, is relished by all kinds of stock, and is not easily injured by trampling. It prefers a stiff wet soil, but does well on any soil that is not too dry. Price: Lb. 40c; 2 lbs. 75c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

No. F33—Fancy Kentucky Blue Grass—A good pasture grass, forming a fine sward. It thrives best in dry, well-drained lime soil. Price: Lb. 50c; 2 lbs. 90c, postpaid. For prices on larger quantities see Green Ink Price List.

No. F47—Red Top or Herd's Grass—Hay and pasture grass. Succeeds on most kinds of soils, but does best on heavy or low, moist, stiff soils. By repeated mowing, this grass holds well during the summer, but its chief value is for winter pastures. It is perennial, not doing so well the first year but gets better the longer it grows. Price: Lb. 60c; 2 lbs. \$1.00, postpaid. For prices on larger quantities see Green Ink Price List.

No. F49—Timothy

For hay, timothy is the best known and most extensively grown of all grasses. Price: Lb. 20c; 2 lbs. 35c, postpaid.



VADCO

Sudan Grass

FIELD and FARM SEEDS



For Prices on Larger Quantities Than Quoted on This Page, See Green Ink Price List Inserted in Front of This Catalog.

Dwarf Essex Rape

Sow it as early as possible—3 to 4 lbs. plant an acre in drills; 6 to 8 lbs. broadcast. **CULTURE**—Sow as early as the land can be made ready, the earlier the better, but sowings as late as April have been very successful. Sow either broadcast or in drills 18 inches to 2 feet apart; when grown in drills and cultivated occasionally, the leaves will cover the intervening space; this method is a fine weed killer. Allow 8 to 10 weeks for it to attain its maximum growth.

Formerly rape was grown especially for sheep, but in recent years it has been found equally good for providing pasture for all kinds of stock. It has been estimated to yield more than 10 tons of green forage per acre, that for fattening is claimed to be worth, pound for pound, double the value of clover. One of the State experiment stations reports that the lowest average gain on lambs fed on rape alone was 7 to 8 lbs. per month.

No. F223. Rape—Price: Lb. 25c; 3 lbs. 60c; 5 lbs. 80c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

Mangels or Stock Beets

No. 171—Mammoth Long Red—No other mangel can compare with this variety in yield. Crops of forty to fifty tons per acre have been made on good land and under thorough cultivation. The roots often weigh twenty to twenty-five pounds each. It grows well above ground, is easily pulled; the deep red roots are straight, well formed and solid. Price: Oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c; 5 lbs. \$3.00, postpaid.

No. 175—Golden Tankard—Especially recommended for the dairyman on account of its milk producing properties and the richer quality of the milk. The flesh is firm and solid, rich, golden yellow color. Price: Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00; 5 lbs. \$4.00 postpaid. For prices on larger quantities see Green Ink Price List.

Jerusalem or Ground Artichokes

Fattens hogs quickly, and it is said by many hog raisers that hogs fed on Jerusalem Artichokes have never been known to have cholera. Only a small quantity of seed is required to plant an acre. Three or four bushels per acre are sufficient. The tubers should be cut into small pieces and not more than two of these should be put in a hill. The hills may be from 2 to 4 feet apart. Plant during March and April.

No. F253—Artichokes—Price, lb. 25c; 3 lbs. 70c, postpaid.

Hairy Vetch

This is the hardiest of all the vetch varieties. It withstands the severest winters. We have never known it to be winter killed if an early stand is secured. It grows during the open weather in winter and by the middle of March the vines cover the ground. It does especially well on sandy soils, but can be grown on any well-drained land. It is wonderfully drought resistant, making good crops in dry seasons when other kinds fail completely.

No. F251—Price, lb. 30c; 2 lbs. 50c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

Upland Rice

There is big money in growing Upland Rice. The Upland sort is very much like the lowland rice in growth, but it is a type that grows well on upland. It should be planted in drills and cultivated like peas and beans. Should be cut when ripe and stored the same as oats or wheat.

No. F229—Rice—Price, lb. 20c; 2 lbs. 35c, postpaid. For prices on larger quantities see Green Ink Price List inserted in this catalog.

Beggarweed Seed

Beggarweed is grown principally in Florida and the Gulf States. It is a natural plant coming from seed each year, grows thickly and makes fine nutritious hay. For hay it should be cut when it comes into bloom, followed by a second growth which springs up producing seed, thus seeding the ground for the next year. Sow at the beginning of the summer.

No. F258—Beggarweed—Price, $\frac{1}{4}$ lb. 40c; lb. 70c; 2 lbs. \$1.25, postpaid. For prices on larger quantities see Green Ink Price List.

Citrus Trifoliata Seed

Wild Orange Seed. This is the seed of the wild orange and is planted in the spring to produce young plants for budding the Satsuma Orange to. Our seed stock of Citrus Trifoliata is inspected by the state inspector and is certified seed. We take every care to keep this seed in good condition and our stock is always kept in cold storage which is the only way this seed can be stored so it will retain its germination. Beware of seed that is not kept in cold storage. Order early, as we have a very limited supply of this seed this year.

No. F256—Citrus—Price, 1 lb. (about 2,200 seeds) \$1.25; 2 lbs. \$2.25; 5 lb. lots or over at \$1.00 per lb.

The SOUTH'S FINEST LAWNS



Are Produced By Sowing Van Antwerp's Grass Seed How to Make a Lawn

For new or remade lawns, spade or plow twelve inches deep, removing all stones or litter. Apply fifty pounds of hydrated lime slackened lime to every thousand square feet and harrow or rake in. About ten days after liming apply one hundred pounds Wizard Brand Pulverized Sheep Manure to every thousand square feet. Avoid using stable or barnyard manure as it produces weeds. After applying the sheep manure the surface should be raked over until it is fine, smooth and level. Sow the seed by hand or seed sower, using care to cover the entire surface and rake or harrow in the seed. When the seed is raked in roll the surface with an iron roller or for a small lawn the ground can be leveled with the back of a spade. The lawn should be carefully watched and all weeds pulled up or cut with a knife as they appear from time to time. Keep the lawn well watered during dry weather, using a garden hose with a revolving sprinkler is the best method. An occasional top dressing of pulverized sheep manure will keep the lawn green during the hot summer months.

Van Antwerp's Summer Lawn Grass

Sow during the months of February, March and April Van Antwerp's Summer Lawn Grass Seed which will produce a fine green surface lawn all summer. 1 lb. will seed 300 square feet; 15 lbs. will seed an acre. Prices: $\frac{1}{2}$ lb. 40c; lb. 70c; 2 lbs. \$1.25; 5 lbs. \$3.00; 10 lbs. \$5.50, postpaid. Not prepaid, 25 lbs. \$13.00; 100 lbs. \$50.00.

No. F41—Bermuda Grass—Bermuda, Carpet or Van Antwerp's grasses that will grow and make a satisfactory lawn during the hot summer months in the South. Bermuda Grass seed can be sown over winter lawns and raked in without digging up the winter lawn. Van Antwerp's Bermuda Grass seed is re-cleaned and the finest obtainable. Sow about 8 lbs. per acre. 1 lb. will sow about 500 square feet. Prices: $\frac{1}{2}$ lb. 35c; lb. 60c; 2 lbs. \$1.10; 5 lbs. \$2.50, postpaid. Not prepaid, 25 lbs. \$11.00; 100 lbs. \$40.00.

No. F45—Carpet Grass—Carpet Grass makes an excellent summer lawn and the closer it is cut the better it grows. It is also used for golf courses as it stands heavy trampling. It will grow on sandy soil and spreads rapidly. Carpet Grass is used as a pasture grass also. For additional information about this grass write to the Department of Agriculture, Washington, D. C., for Bulletin No. 1130. Prices: $\frac{1}{2}$ lb. 35c; lb. 60c; 2 lbs. \$1.10; 5 lbs. \$2.50, postpaid. Not prepaid, 25 lbs. \$9.00; 100 lbs. \$35.00.

Van Antwerp's Winter Lawn Grass

Sow Van Antwerp's Winter Lawn Grass Seed from September till end of January. This grass has been used in the South for many years with very satisfactory results. 1 lb. will seed 200 square feet; 100 lbs. will seed an acre. Prices: $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, postpaid. Not prepaid: 10 lbs. \$2.75; 25 lbs. \$6.50; 100 lbs. \$25.

No. F37—Italian Rye Grass—This grass is used extensively for golf courses and for winter lawns in all sections of the South. We recommend this grass for winter lawns, and by sowing on Bermuda sod you can have a beautiful lawn all the year round. Sow 1 lb. seed to every 300 square feet or about 200 lbs. to an acre. Prices: $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 60c; 5 lbs. \$1.35, postpaid. Not prepaid, 10 lbs. \$2; 25 lbs. \$4.00; 100 lbs. \$15.00.

No. F39—Orchard Grass—Orchard grass is a very vigorous grower and yields large crops of excellent and nutritious hay, as well as having special value as a pasture grass, furnishing good grazing. Many prefer orchard grass for winter lawns, as it produces a beautiful green lawn all winter. Sow 1 lb. to every 300 square feet, or about 30 lbs. per acre. Prices: $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50, postpaid. Not prepaid: 10 lbs. \$2.75; 25 lbs. \$6.50; 100 lbs. \$25.00.

FERTILIZERS FOR FARM, GARDEN AND LAWN

WIZARD SHEEP MANURE

Wizard Sheep Manure is the best of all natural manures, highly concentrated, free from straw and rubbish, with all weed seeds killed. It puts new life into worn out soils and supplies the necessary plant food and humus to make all plants grow to perfection. One bag equals a whole wagon load of stable manure. It is excellent for lawns, flower gardens, shrubbery, vegetables and fruit trees.

For lawns use 6 to 10 lbs. to every 100 square feet. For vegetable or flower gardens use 10 to 15 lbs. to every 100 square feet. Prices: 5 lbs. 35c; 10 lbs. 60c; 25 lbs. 90c; 50 lbs. \$1.65; 100 lbs. \$3.00; 500 lbs. \$12.50; 2,000 lbs. (ton) \$48.00, postage, express or freight extra.

PEAT MOSS

Peat moss is used with splendid results in flower beds, for vegetables, around bush fruits, vines, shrubs, hedges, etc. It stimulates the development of roots of all plants, which results in a quickened growth. Lawns should be covered with Peat Moss in the late fall or early spring using about a half inch of covering. It is easier and cleaner to use than manure and is free from weed seeds. Prices: 5 lbs. 30c; 10 lbs. 50c; 25 lbs. 90c; 50 lbs. \$1.50; 100 lbs. \$2.50; 1 bale (about 180 lbs) \$4.25. Postage, express or freight extra.

BONE MEAL

A splendid fertilizer for every soil; supplies abundant nourishment to plants over a long period. Excellent for rose-beds, flower-beds, garden and field crops, and for top-dressing lawns and pasture-lands.

Quantity required: For trees and vines, 2 to 4 quarts each; for top-dressing, 1,000 to 1,500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

Prices: 5 lbs. 25c; 10 lbs. 50c; 25 lbs. 90c; 100 lbs. \$3.50; 500 lbs. \$16.00; 2,000 lbs. (ton) \$62.00, postage, express or freight extra.

NITRATE OF SODA

Nitrate of Soda is especially beneficial for all varieties of vegetable and flower plants but should not be applied until the young plants are well established. It should be used as a top-dressing for the following vegetable plants: Beets, Cabbage, Mustard, Cauliflower, Cucumber, Celery, Eggplants, Lettuce, Spinach and Onions. For house plants, window boxes or home gardens, apply as a liquid fertilizer, using one ounce of Nitrate of Soda to two gallons of water. Prices: 3 lbs. 25c; 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.00; 100 lbs. \$3.50, postage, express or freight extra.

ADCO

Adco is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure. Adco can be used on all kinds of stalks, cuttings, withered leaves and flowers, potato, bean and pea vines, cabbage leaves and stalks, etc., converting them into artificial manure. The refuse should be arranged in layers, each layer being thoroughly saturated with water and then sprinkled with ADCO in the proportion of one pound to 25. Use two pounds of adco to every 50 lb. barrow load of refuse. Nothing further is required beyond keeping the heap wet. Complete instructions with every bag. Prices: 25 lb. Bag (enough for 12 wheelbarrow loads of garden waste) \$2.10; 150 lb. Bag (enough for a heap of waste 10 ft. x 10 ft. x 6 ft. making about 3 tons of manure) \$9.50. Express or Freight Extra.

COTTON SEED MEAL

A splendid fertilizer for all kinds of plants and especially recommended for Azaleas. Prices: 5 lbs. 25c; 10 lbs. 50c; 25 lbs. 90c; 50 lbs. \$1.75; 100 lbs. \$3.50. Postage, Express or Freight Extra.

SULPHATE OF POTASH

Prices: 5 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.85; 100 lbs. \$3.50, postage, express or freight extra.

MURIATE OF POTASH

Prices: 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 90c; 50 lbs. \$1.75; 100 lbs. \$3.00, postage, express or freight extra.

KAINIT (Genuine Imported)

Prices: 5 lbs. 20c; 10 lbs. 35c; 25 lbs. 60c; 50 lbs. 90c; 100 lbs. \$1.50, postage, express or freight extra.

SULPHATE OF AMMONIA

The most concentrated nitrogenous top-dressing on the market. Contains ammonia in a form quickly available but not readily leached from the soil. It is fine and dry, and easily spread by hand or by drill. The crop-producing power of the ammonia is equal to that of any fertilizer. Prices: 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00, postage express or freight extra.

GARDEN LIME

This lime is especially prepared for use on the soil and is a combination of calcium-hydrate and calcium-carbonate, finely pulverized. Quantity required: Heavy soils, 2,000 to 6,000 lbs. to the acre; light, sandy soils, 1,000 to 3,000 lbs. to the acre, according to their apparent need. Packed in 10 lb. bags. Prices: 10 lbs. 35c; 50 lbs. \$1.50; 100 lbs. \$2.75, postage, express or freight extra.

VAN ANTWERP'S 8-4-4 GARDEN FERTILIZER

A very desirable high grade all around fertilizer for vegetables, lawns, flowers and bulbs. There is sufficient ammonia to give the young plants a quick and vigorous start and maintain a healthy growth. Grass and early garden truck need lots of phosphoric acid, which this fertilizer supplies. Prices: 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 90c; 50 lbs. \$1.25; 100 lbs. \$2.25, postage, express or freight extra.

STIM-U-PLANT

Makes a Wonder Garden

This fertilizer comes in tablet form and you simply insert the tablets in soil near the plant. You can also dissolve them in water at the rate of four tablets to a gallon of water and apply as a liquid fertilizer. Complete instructions for use with every package. Price: Small size (30 tablets) 25c; 100 tablets 75c; large can (1,000 tablets) \$3.50 postpaid.

VIGORO

A specially prepared plant food made by Swift & Co. Vigoro is a plant food supplying growing things with all the food needed for rapid growth. It is odorless, clean and easy to use. It can be sown by hand, like grass seed. For vegetables, lawns and flowers. Prices: 5 lbs. 50c; 25 lbs. \$1.75; 50 lbs. \$3.00; 100 lbs. \$5.00, postage, express or freight extra.

For Finer Flowers • Shrubs • Vegetables

If you want your flowers to bloom earlier and longer, your shrubs and hedges to be greener, thrifter, we recommend that you use BloomAid.

In repeated tests it has brought blooms ten days to two weeks earlier—has made plants double the size of those not treated. It causes the foliage to grow more vigorously, the color to mount higher. Even experienced greenhouse workers are often amazed at its effect on growth and bloom.

Use it to enrich the soil in window boxes and to keep potted plants green and growing indoors all winter long.

Apply BloomAid around shrubs and hedges and they will quickly screen the house and grounds. Use it on your vegetable garden and you will have earlier vegetables, tenderer and better flavored because of rapid growth.

BLOOMAID PRICES

Tablet Form (125 Tablets)	\$.25
Liquid Form (8-oz. Bottle) .....	.50
Pulverized Form 1-lb. Container .....	.25
5-lb. Container .....	.50
25-lb. Bag	1.75
100-lb. Bag	5.00

COMPLETE INSTRUCTIONS FOR USE ON EVERY PACKAGE



Have a Better Lawn This Year

You can have a lawn of closer, faster-growing grass that resists drought, stays greener—one that constantly thickens and spreads, covering the bare spots.

The secret is to use V-C FAIRWAY FERTILIZER, which is made especially for grass. On new lawns it is applied a few days before seeding; on old lawns it is simply broadcasted.

This is the treatment now used on the lawns of country estates that are considered show-places. It has been adopted for use on polo fields, where the best possible turf is demanded. It is being used on the most famous golf courses to thoroughly carpet the fairways.

V-C FAIRWAY FERTILIZER is fifteen times as rich as manure and costs not more than 10 cents for each 100 square feet to be treated. It has practically no odor; does not bring in worms, grubs, or weed seed.

FAIRWAY PRICES

100-lb. bag (enough for 5,000 sq. ft.)	\$5.00
50-lb. bag (enough for 2,500 sq. ft.)	3.00
25-lb. bag (enough for 1,250 sq. ft.)	1.75
10-lb. bag (enough for 500 sq. ft.)	1.00



INSECTICIDES for the GARDEN and FARM



Corona Dry Arsenate of Lead Powder

Few progressive growers of fruit and truck crops use Paris Green, because it has been learned that it burns foliage. It is expensive to use paste arsenate of lead, because the percentage of arsenic is low and it contains from 50 to 60 per cent of water; so what is the use of paying transportation on water and the glass package. Which is cheapest? Insist on Corona Dry when you are in need of lead arsenate to spray your trees or crop for any leaf-eating insects. Use at the rate of 1 pound to 50 gallons of water, or if used dry, $\frac{1}{2}$ Corona Dry to half air-slacked lime, early in the morning while the dew is on the foliage. Price: 1 lb. 35c; 4 lb. pkg. \$1.15, postpaid. Not prepaid, 25 lbs. \$5.25; 100 lbs. \$19.00

Slug Shot

A non-poisonous powder insecticide; it requires no mixing or preparation, easily applied and not injurious to person applying it, or fruits and vegetables. Destroys potato bugs, beetles, green flies, slugs, worms, etc. Price: 1-lb. box 25c; 5 lbs. 80c, postpaid.

Tobacco Dust

Powdered tobacco is a standard insecticide, often used in conjunction with Whale Oil Soap and Bordeaux Mixture. The striped cucumber (squash and melon) beetle and flea-beetle are repelled with this insecticide. It is an effective and economical remedy for many bugs, worms, lice and spiders on cabbages, squash, cucumbers, melons, etc. Best applied when the foliage is damp; it then sticks to the leaves. Our Tobacco Dust is of extra-fine quality, very strong in nicotine content. Price: Lb. 15c; 3 lbs. 35c; 5 lbs. 75c, postpaid. Not prepaid, 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

Bordeaux Mixture

This mixture not only prevents blight, scab, rust, mildew, black-rot and other fungus diseases of plants and fruits, but improves the quality and largely increases the yield. It should be used on all vine-crops, grapes, cucumbers, melons, tomatoes, etc. Potatoes especially respond generously to thorough spraying. To make a combined fungicide and insecticide, add a pound of paris green, or two pounds of arsenate of lead to 150 gallons of the diluted mixture. It may be applied dry or in water; 1 lb. to 8 gals. Lb. 35c; 5 lbs. \$1.15, postpaid. Not prepaid, 25 lbs. \$3.75.

Powdered Sulphur

Use on potatoes when cut for planting to prevent scab and bleeding; for mildew and plant mites. Prices: lb. 15c; 3 lbs. 35c; 5 lbs. 75c, postpaid. Not prepaid, 25 lbs. \$1.50; 100 lbs. \$4.50.

Tree Tanglefoot

A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. 1-lb. can 50c; 5 lbs. \$2.25.



Pyrox

All-round spray which kills leaf-eating insects and prevents blights and fungous troubles, without injury, on fruit trees, grapevines, currant bushes, potatoes, cantaloupes, cucumbers, and other garden vegetables, also on rose bushes, shrubbery, etc. It is a creamy paste which looks like paint and "sticks like paint." It needs only to be mixed with cold water and it is ready to apply. Prices: lb. 50c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.25; 50-lb. drums \$10.75; 100-lb. drums \$15.50; 300-lb. barrels \$43.50. Cannot be mailed.

Fish Oil Soap

(Sometimes called Whale Oil Soap)

Effectually destroys the mealy-bug and nearly all lice on indoor plants and scale on palms. Recommended for San Jose scale and insects that infest the bark of trees. It has been used with good results against the pea louse. Postpaid, lb. 25c; 5 lbs. \$1.00.

Vermine

For eel, cut worms and wire worms, working in the soil. It can be applied to all vegetation. Pint 65c; quart \$1.00; gal. \$3.00. Cannot be mailed.

VAN ANTWERP'S INSECTICIDE (SCHNARR'S IMPROVED)

The Best Insecticide for White Fly and Scale on Citrus Fruits

Van Antwerp's Insecticide (Schnarr's Improved) is manufactured in our own chemical laboratory and is used extensively throughout the South for spraying all kinds of Citrus fruits and deciduous trees infested with White Fly or scale insects. It has been thoroughly tested by expert entomologists and is highly recommended by them as a safe and efficient spray for sucking insects like White Fly, Maple Scale, Purple Scale, Long Scale, San Jose Scale and Oak Scale.

For White Fly and Scale use at the rate of 1 part of this insecticide to 60 parts of water and for deciduous Fruit Trees, also Pecan Trees, use 1 part to 20 parts of water. We have this insecticide put up in all sizes, including a small 8-ounce bottle for those who have a few trees in their garden to spray.

Price. Van Antwerp's Insecticide. Small garden size bottle (8 ozs.) 35c postpaid; $\frac{1}{2}$ gallon can 85c; 1 gallon can \$1.50; 5 gallon can \$6.75; 10 gallon can \$12.50; 25 gallons \$28.75; 50 gallons \$50.00. Purchaser pays transportation charges.

Bug Death

A non-poisonous powder, in composition peculiar to itself, inasmuch as it does not depend upon arsenic for its killing power. It is safe and sure to use on potatoes, tomatoes, cucumbers, melons, eggplants and general garden truck. Can be used either dry or as a liquid. This is one of the most popular insecticides. 1-lb. can 25c postpaid.

Evergreen Insecticide

This insecticide kills most insects, including lice, melon beetles, cabbage worms, mealy bugs, mites, etc. It is non-poisonous and harmless to man, animals, birds, etc.—it kills only insects. $\frac{1}{2}$ oz. bottle makes 9 gallons of spray. Complete instructions for use on every can. Prices, $\frac{1}{2}$ oz. bottle 35c; 6 oz. bottle \$1.00; 16 oz. \$2.00; 32 oz. \$3.85; 1 gallon \$13.00, postpaid.



Calcium Arsenate (Powdered)

This is the proper and most effective powder for dusting on cotton for eradicating the boll weevil. It is the poison used by the U. S. Department of Agriculture in experiments which proved that the weevil could be killed out at a profit-able cost. Be sure to get Special Bulletin, U. S. Dept. of Agriculture, which gives all information. Prices: Lb. 25c; 5 lbs. \$1.00; 25 lbs. \$3.25; 100 lbs. \$12.00. Cannot be mailed.

Dry Lime-Sulphur

Exactly like lime-sulphur except that the water has been taken out. No freight to pay on water, no leakage, never freezes. For fall and spring spraying, use 12 to 15 lbs. to 50 gallons water; stone fruits $\frac{1}{2}$ to 2 lbs. to 50 gallons water. To the summer spray add 2 lbs. arsenate of lead to make a combined insecticide and fungicide. Prices: 1 lb. 35c; 5 lb. pkg. \$1.40. Not prepaid, 25 lbs. \$4.00; 100 lbs. \$12.50.



Black Leaf "40"

A highly concentrated solution of Nicotine-Sulphate. Valuable for the destruction of aphids, thrips and other sucking insects. BLACK LEAF 40 is largely used by the onion growers of Southwest Texas for controlling thrips and aphids on their Bermuda Onions. Full directions with each can. Prices: 1 oz. 35c; $\frac{1}{2}$ lb. \$1.25; 2 lbs. \$3.50; 10 lbs. \$13.50. Cannot be mailed.

Aphine

It is a most effective remedy for green, black and white fly (the aphids), thrips, soft scale, mealy bug, red spider, etc. It is a concentrated liquid, mixing readily with water. For roses, sweet peas, chrysanthemums and all greenhouse and outdoor flowering plants you find this insecticide an effective remedy. Prices: $\frac{1}{2}$ pint 45c; pint 75c; qt. \$1.00; gal. \$3.00. Cannot be mailed.

Para-di-Chloro-Benzene

For Peach Tree Borer. The only safe remedy for Peach Tree Borers. Sold in 1-lb. cans containing complete instructions for use. 1-lb. can 65c; 5 lbs. \$2.75, postpaid.

Carbon Bi-Sulphide

Fumigation by carbon bi-sulphide is recommended as the best method of controlling weevils in Peas, Beans, Corn and other grains. 1-lb. can 50c; 5-lb. can \$2.00. Cannot be mailed.

Crow-Tox

You can insure your Seed Corn against attacks of crows by using Crow-Tox besides it saves seed losses and replanting. It protects Corn from Crows, Black-birds, Pheasants and animal pests such as Squirrels, Moles, etc. Crow-Tox aids and hastens germination which means healthier stalks and larger yields per acre. Prices: Large size can \$1.50 enough to treat 2 bushels of corn. Small size can \$1.00 enough to treat 1 bushel of corn. Complete instructions on every can.

Atlas Weed Killer (Non-Poisonous)

Weeds in walks, driveways, tennis courts, etc., can be safely and permanently exterminated as easily as watering the gardens by applying Atlas Weed Killer. Although deadly to vegetation, it is harmless to humans, animals and birds, so can be used with absolute safety. One gallon Atlas Weed Killer is enough to treat 500 square feet. Prices: Small Can (will make $\frac{1}{2}$ gallons weed killer) 50c; 1 qt. 75c; 1 gallon \$2.00; 5-gallon drums \$8.00; 30-gallon drums \$37.50; 50-gallon drums \$55.00. Cannot be sent by mail. Express or Freight shipments only.

Atlas Non-Poisonous Weed Duster exterminates all undesirable vegetation including poison ivy, Canada thistle, Johnson grass, etc., without danger of poisoning humans or animals. Simply shake powder from can on any undesirable vegetation, weeds, grass, etc. Especially recommended for obtaining weed-free driveways, paths, tennis courts and gutters. Duster (kills 300 sq. feet weeds)—Price, \$1.50 each. Bulk Dry Concentrate (For making weed killer solution)—Price, large cans, \$2.00 each. (Kills 500 sq. ft. weeds.) 50-lb. Drums—25c lb. (Kills 5,000 sq. ft. weeds.)

Grafting Wax

The highest grade made with directions for use on every package. Price, $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c, postpaid.

MULFORD CULTURES

In Your Garden you can get increased yields and improve your soil if you inoculate all your Garden Peas, Garden Beans, Lima Beans and Sweet Peas with Mulford Cultures.

Peas, beans, etc., belong to the legume or pod-bearing family of plants which Nature has endowed with the wonderful ability to harbor and nurture certain bacteria on their roots, and these bacteria in turn, gather nitrogen from the air and feed it to the plant itself. Increased nitrogen supplied to the plant means increased yield.

As a rule, the proper bacteria are not present in the soil; therefore, to insure best results, always use Mulford Cultures.

Mulford Cultures contain pure, tested strains of active, vigorous, nitrogen-fixing bacteria, for inoculating seeds of legumes or soil. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Legumes offer the best known means of maintaining soil fertility and rejuvenating overcropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Treat your seed before planting. Very easy to use—simply add water and moisten seeds with the mixture.

Small Cost—Large Returns

Prices: Small Size (supplied only in 4 varieties) for Garden Peas, Garden Beans, Lima Beans and Sweet Peas, 35c.

For Small Seeds—Clovers, Alfalfa, etc. $\frac{1}{2}$ -bus. size, 60c; 1-bus. size, \$1.00; $\frac{1}{2}$ -bus. size, \$2.25 postpaid.

Price on Cultures for Large-Size Seeds

Soy Beans, Cowpeas, Peas, Beans, etc. 1-bus. size, \$0.60; 5-bus. size, \$2.25 postpaid.

STIMUGERM LEGUME INOCULATION

A Seed and Soil Inoculant That Increases Crop Production and Greatly Improves the Soil.

Seeds of all legumes—Clovers, Alfalfa, Sweet Clovers, Beans, Peas, Vetches, Soy Beans, Cowpeas, etc.—will yield far better results if inoculated with Stimugerm and, in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops in the rotation.

The Best Inoculation for All Legume Seeds Means Better Crops, Better Soils, Less Fertilizer Expense

Stimugerm is a pure culture of nitrogen-fixing bacteria, selected for maximum vitality and ability to transform nitrogen from the air into soluble nitrates and deposit them in the soil.

Stimugerm will reduce your fertilizer bills, give you larger crops, and improve your soil by producing nodules on the roots of legumes.

When ordering, be sure to state what crops you wish to inoculate.

Stimugerm is so inexpensive and is so effective an insurance that you can not afford to sow legume crops without it.

LOW PRICES

For Small Seeds—Clovers, Alfalfa, etc.

$\frac{1}{4}$ -bus. size \$0.35 1-hus. size \$1.00
 $\frac{1}{2}$ -bus. size60 $\frac{1}{2}$ -bus. size 2.25

Special Reduced price on Cultures for Large-Size Seeds—Soy Beans, Cowpeas, Peas, Beans, etc. $\frac{1}{2}$ -bus. size, 35c; 1-bu. size 60c; 2-bus. size \$1.10; 5-bus. size \$2.25.

Special Garden Size for Garden Peas, Beans and Sweet Peas, 25c. These prices are postpaid. Full directions accompany each bottle.

ANTROL

Against Ants

They Stand on Guard Like Sentinels

Antrol containers offer you three distinct advantages over ordinary, old-time methods.

First, this modern system kills the queen ant and thus destroys the entire ant colony.

Second, Antrol is safe to use around children or pets.

And third, the Antrol method is in accordance with the methods adopted by the United States Government.

These three advantages of Antrol make it the most popular ant control on the market.

Antrol jars, therefore, protect your home from ants effectively, safely and permanently. They stand on guard like sentinels!

PRICES:

Antrol Cottage Sets (containing 4 jars and 4-oz. bottle of Syrup).....	\$1.00
Extra Jars (each).....	.15
4-oz. Bottles of Syrup.....	.50

SNAROL

Kills Garden Pests • •

Stops Their Damage!

Snarol is a scientifically prepared meal that you simply broadcast on the ground around the flowers and under the shrubs. The pest eats it as a food and is quickly exterminated. This modern pest control, unlike many others, is safe to use around pets or fowls.

Snarol is widely endorsed by leading nurseries, institutions and gardeners everywhere. It is easy to use and quick to effectively destroy the pest, which may be eating the tender shoots of your favorite flowers, vegetables or plants.

PRICES:

1-lb. Carton	\$0.50
3-lb. Carton	1.00
15-lb. Bag	3.75

CYANOGEN (Calcium Cyanide)

A. Dust. This is a poisonous gas in powder form and is used extensively for fumigating greenhouses, etc. Cyanogen is especially recommended for Ants, Chinch Bugs, Gophers, Land Crabs, Moles, Rats, Salamanders, Turtles, etc. Complete instructions for use with every can. It cannot be mailed. Prices: 1 lb. can, 60c; 5 lbs., \$2.50. Shipment by Express only.

BIRD SEED AND BIRD SUPPLIES

Van Antwerp's Ely Bird Seed Mixture

Thousands of boxes of our famous Ely Bird Seed Mixture are used every year by the large canary breeders and fanciers. The Ely Bird Seed is made from the very finest re-cleaned bird seeds and blended in proper proportions to keep the birds in perfect health and song. Every box of seed contains a piece of cuttle fish bone. The tremendous sale of our Ely Bird Seed always assures you of getting strictly fresh seed. Price—Large Box, 20c; by mail, postpaid, 25c.

Van Antwerp's Bird Gravel.....	15c; by mail, 20c
Bird Manna	15c; by mail, 18c
Bird Nesting	10c; by mail, 12c
Bird Bitters	25c; by mail, 30c
Bird Mite Powder	25c; by mail, 30c
Moulting Pepper	25c; by mail, 30c
Spratt's Color Food, Red.....	25c; by mail, 30c
Spratt's Color Food, Orange.....	25c; by mail, 30c

Seed and Water Cups, Opal or Glass.....	15c; by mail, 20c
Bird Bath Dishes, China.....	20c; by mail, 25c
Red Mite Liquid.....	25c; by mail, 30c
Wire Bird Nests.....	20c; by mail, 25c
American Salve for Birds' Sore Feet.....	25c; by mail, 30c
Cuttle Fish Bone with Holder.....	5c; by mail, 10c
Fish Food—Wafers for Gold Fish.....	10c; by mail, 12c

Re-Cleaned Bird Seeds

Canary Seed, Plain.....	20c lb., postpaid; 5 lbs., 75c, not prepaid
Rape Seed for Birds.....	20c lb., postpaid; 5 lbs., 75c, not prepaid
Hemp Seed	20c lb., postpaid; 5 lbs., 75c, not prepaid
Sunflower for Parrots.....	20c lb., postpaid; 5 lbs., 60c, not prepaid
Spratt's Parrot Food.....	20c, postpaid
Spratt's Canary Mixture.....	25c, postpaid
Van Antwerp's Ely Bird Seed Mixture.....	25c, postpaid





SEED DISINFECTANTS

**Control Seed-borne Diseases — Stimulate Germination
Generally Produce Increased Yields of Higher Quality**

SEMESAN



Semesan is indispensable to those growing vegetables or flowers whether for market or home use. It may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to any disease organisms that may be on the seed.

Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, from 1/4c to 1c per pound of seed. One ounce treats 15 lbs. of seed. Effective in controlling damping off, the Brown Patch disease which affects golf greens and such devastating gladiolus diseases as hard rot and scab. Cannot be mailed. Prices: 2 oz. tin 50c; 1 lb. \$2.75; 5 lbs. \$13.00; 25 lbs. \$56.25; 100 lb. drum \$220.00; 300 lbs. \$644.00. Express or freight shipments.

Treat All Seeds Before Planting

SEMESAN BEL

Instead of using chemicals for treating your seed potatoes which require tedious soaking and which sometimes injure the seed piece, use the quick, easy

time-saving Semesan Bel treatment. Simply mix, dip, drain, dry and the potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed pieces. Does not injure sprouts. No hot water necessary. A quick dip into the Semesan Bel solution and the seed potatoes are covered with a protecting film of disinfectant which effectively controls such seed-borne disease organisms as scab, rhizoctonia and blackleg.

By controlling these diseases, germination is generally increased, stand improved and the resultant crop of potatoes is bigger and of better quality. Crop increases of from 10 to 15% are common. One pound treats 16 to 20 bushels of seed. Cannot be mailed. Prices: 4 oz. 50c; 1 lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$31.25; 100 lbs. \$120.00; 300 lbs. \$345.00. Shipment by freight or express.



SEMESAN JR.

Applied by the simple dusting operation at the rate of 2 oz. to each bushel of seed corn, Semesan Jr. offers the cheapest and most effective form of disease insurance.

It is especially effective in controlling seed-borne infections of diplodia, Gibberella and Basisporium, without harming the seed embryo in the least. Tests have shown Semesan Jr. to increase the yield even from disease-free seed.

Its use protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improved germination, better stands, control of certain diseases, increased yields, those are the benefits which thousands of farmers are reaping, at a cost of less than 3c an acre. Cannot be mailed. Price, 4 oz. 50c; 1 lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$31.25; 100 lbs. \$120.00; 300 lbs. \$345.00; shipment by express or freight.

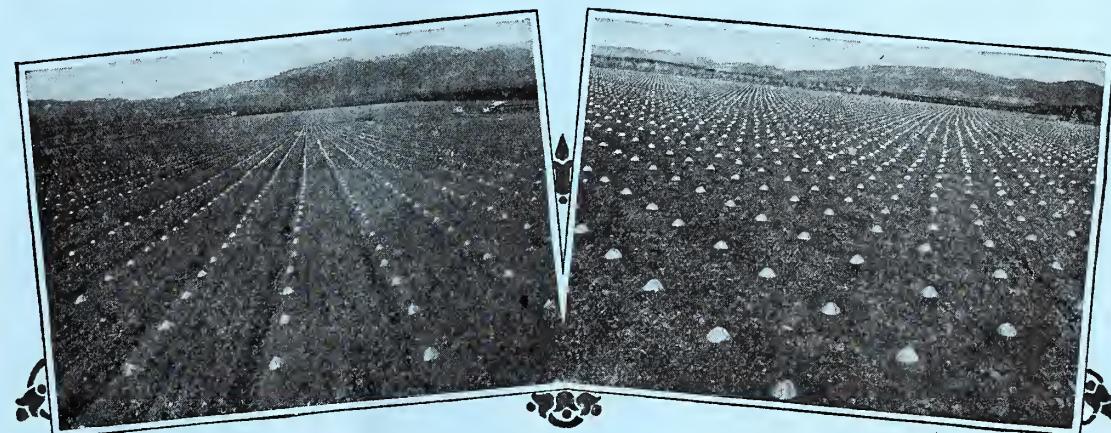


CERESAN

Now, only one product is necessary for the seed treatment of wheat, oats, barley, rye or sorghum, CERESAN. Here is an easily applied dust treatment which has proven effective in controlling such seed-borne diseases as bunt or stinking smut of wheat; stripe disease of barley; loose and covered smuts of barley and oats and covered kernel smut of sorghum.

This is the only dust treatment which has successfully controlled all of these grain diseases as well as being the first effective dust disinfectant to be offered the farmer for control of barley stripe and smuts. Ceresan does not injure the seed nor the grain drill. Only 2 oz.

of Ceresan required per bushel of wheat, rye or sorghum and 3 oz. for barley and oats. Easy to apply, economical to use. Cannot be mailed. Prices: 8 oz. 50c; 1 lb. 75c; 5 lbs. \$3.00; 25 lbs. \$12.50; 100 lbs. \$49.00; 300 lbs. \$144.00.



HOTKAPS

HIGHER PRICES FOR YOUR CROP

THIS AMAZING NEW METHOD OF PLANT PROTECTION GETS YOU HIGHER PRICES FOR LARGER AND QUICKER CROPS

Last year thousands of growers added to the value of their vine crops by using Germaco HOTKAPS—shown above. This remarkable invention consists of a scientifically constructed wax paper cone that you place over each plant. Thus they are miniature hot-houses that protect plants from frost, wind, rain, insects and ground crusting.

HOTKAPS not only protect plants, but make them grow harder and faster. Thus you get a greater crop production to market earlier for higher prices!

You can add to your next year's profit with Hotkaps. They cost but a fraction over a penny each. One man can "set" 3000 Hotkaps per day. They not only bring you higher prices, but are a method of crop insurance—against the danger of the elements.

Prices of HOTKAPS—50 kaps \$1.00; 100 for \$1.85; 250 for \$3.50; 500 for \$6.25; 1,000 for \$11.50; 5,000 for \$55.00, postage or express paid by us in lots up to 1,000.

Germaco Hotkap Heavy Steel Setters, a labor saving device for setting Hotkaps accurately and quickly into the ground. Price \$2.25 each. Light weight Setter for garden use, 50c.

Van Antwerp's Complete Garden Service Implements and Tools for Your Garden



No. 80 Steel Garden Trowel

Pressed steel, all in one piece; ground and polished point. No wood handle to break or come off; blade 6 inches long. By mail postpaid, 30 cts. Not prepaid, 25 cts.

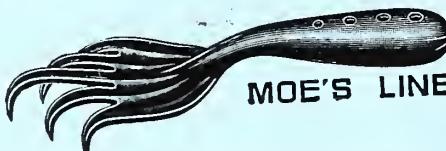
No. 85 Galvanized Garden Trowel

Made of a single piece of heavy steel; handle and blade in one piece. By mail postpaid, 25 cts. Not prepaid, 20 cts.



No. 81 Transplanting Trowel

The blade is 6 inches long, 1 1/4 inches wide. The entire trowel is made of one piece of pressed steel. By mail postpaid, 30 cts. Not prepaid, 25 cts.



No. 82 Steel Garden Weeder

One piece pressed steel, finished in black enamel; has five steel fingers; a useful and serviceable weeder. By mail postpaid, 30 cts. Not prepaid, 25 cts.



Cyclone Broadcast Seeder

Cyclone—(New Improved Model). An accurate, portable seeder, for all broadcast sowing or fertilizing. Fits comfortably over shoulder; provided with automatic adjustment for stopping flow of contents when required. A great time and labor saver. Each, \$2.25 postpaid.

Wooden Garden or Pot Labels

You can mark the rows of vegetables in your garden or the different flowers with these garden labels. They are painted white so the names you write on them are easy to read.

Length	Prices Postpaid
10	100
4-inch	\$0.05
5-inch	.05
6-inch	.10
8-inch	.15
12-inch	.20
	1,000
	\$2.25
	2.75
	3.25
	9.00
	13.25

50 sold at 100 rate; 500 at 1,000 rate.

Labels—3 1/4 inch copper wired wooden labels to tie on trees or shrubs. 10c per doz.; 40c per 100; \$2.65 per 1,000.

Labels—Copper. An indestructible copper label for use on trees, shrubs, etc. 30c per doz.; \$1.75 per 100, postpaid.



No. 200 Cyclone Sprinkler

Three-Arm Lawn Sprinkler, which can be operated with a moderate pressure, covers a wide area and distributes the water evenly. The revolving arms throw the water in a fine spray into the air and the motion produces a fine mist. Height, about 1 foot. Each, \$2.25; 3 for \$5.50, postpaid.



Grass Hooks or Sickles

No. 3R.B. English. Riveted back. Each, 85c postpaid.

No. D.E.65. Domestic. Best quality, 65c postpaid.



Hand Weeder

No. 87 Hand Weeder. A real labor saver; fits the hand nicely; made of one piece of hard, stiff steel; ground edges. By mail postpaid, 30 cts. Not prepaid, 25 cts.



No. 225 The Ring Lawn Sprinkler

Easily moved about the lawn; made of polished brass; light, durable and economical. Each, \$1 postpaid.

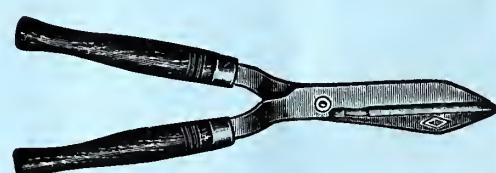


No. 345 Adjustable Spray Nozzle

A very popular adjustable Nozzle. It gives a copious spray or a well-defined full stream. Has a positive shut-off, by turning the barrel of the nozzle. 75c postpaid.

No. 218 Dibbles

Iron Point, large, each 75c postpaid.



Hedge Shears

For both trimming hedges and cutting grass under fences, bushes, etc.

The "Notches" at the heel of the blade is for cutting branches.

English Hedge Shears

8-in. blades, with notch, \$3.00 postpaid.

9-in. blades, with notch, \$3.50 postpaid.

Raffia

Raffia is used in budding, grafting and in Nursery and garden work. Natural Raffia. Price, lb. 40c; 3 lbs. 90c, postpaid; 5 lb. lots or over at 25c per lb., not prepaid. Colored Raffia. We can supply this colored raffia in 8 separate colors. Price, Colored Raffia, small bundle 15c; 1/2 lb. 85c; lb. \$1.50, postpaid.

Very economical; waterproof; can be nested closely for shipping.			
Diam.	Doz.	100	
2 1/2 in.	\$0.15	\$0.60
3 in.20	.80
3 1/2 in.25	1.00
4 in.30	1.30
5 in.35	2.00
6 in.50	2.70
		Postage on paper pots extra.	



Flower Pots, Standard

Earthenware. Best on the market. Cannot be mailed. Express or freight extra.

Diam.	Each	Doz.	100	Diam.	Each	Doz.	100
2 in.	\$0.40	\$2.00	6 in.	.....	\$0.20	\$1.75
3 in.50	3.50	8 in.	.....	.30	3.00
4 in.	\$0.10	.75	10 in.	.....	.50	5.00
5 in.15	1.25	12 in.	.....	.60	6.00
			9.00				

Diam.	Each	Doz.	100	Diam.	Each	Doz.	100
4 in.	\$0.05	\$0.50	8 in.	.....	\$0.20	\$2.25
5 in.10	.75	10 in.	.....	.30	3.00
6 in.15	1.75				

EVERYTHING FOR THE POULTRY FARM

Drop-Bottom Water Fountain



A practical, durable fountain. Easy to fill and easy to clean. Made of the best quality galvanized iron. May be hung on the wall, out of the litter and dirt. Suitable for chicks, fowls or pigeons. Fitted with wire handles, so that two or more fountains, back to back can be carried in one hand. Price, No. 40, 2 quarts, 90c; No. 41, 1 gallon, \$1.10; No. 42, 2 gallons, \$1.40. By mail add 15c each for packing and postage.

Single Chick Feeding Troughs



Just the thing for feeding baby chicks; has sliding top, easily cleaned; no sharp edges to injure chicks. No. 55—12 inches long: Each, 30c; by parcel post, 45c. No. 56—18 inches long: Each, 40c; by parcel post, 55c. No. 57—24 inches long: Each, 50c; by parcel post, 65c.

Double Feeding Chick Troughs



Has two sides, otherwise identical with the single trough. No. 58—12 inches long: Each, 40c; by parcel post, 55c. No. 59—18 inches long: Each, 55c; by parcel post, 55c. No. 60—24 inches long: Each, 65c; by parcel post, 80c.

Eclipse Feeding Trough



A fine popular-priced feeding trough, made of galvanized iron and intended for chicks and growing stock. The pan and the top are both stamped in one piece, no seams, rivets or solder used. Sliding top makes them easy to fill and keep clean. Made in two sizes. No. 27—10 inches, 10 holes.....25c; postpaid, 35c No. 28—20 inches, 20 holes.....35c; postpaid, 45c

Ideal Poultry Punch

No. 39—Ideal Punch—A new improved Punch. Works easily, cuts clean, and does not pinch the foot. Length, 3 1/2 in. Nickel plated. Each, postpaid.....\$0.50



Grit and Shell Boxes

No. 45—A special feed hopper and grit made, no solder used in its construction. No. 45—Two compartments, each

.....\$0.40

No. 9—Economical and practical for feeding grit, shells, etc., keeps the fowls in prime, healthy condition. Three compartments, each.....\$0.85

No. 90—Four Compartments, each

.....\$1.20

By mail add 15c each for postage and packing.



Never Clog Dry Food Hopper

One of the best hoppers on the market. Does not clog, no matter how coarse the mash is.

No. 35—12-qt. capacity, \$1.50; by parcel post, \$1.75.

No. 36—18-qt. capacity, \$2.00; by parcel post, \$2.30.

No. 37—24-qt. capacity, \$2.80; by express only.

Round Baby Chick Feeder

The most convenient feeder on the market. Can also be used for water. Two sizes, No. 11, 6 inches with 8 holes, and No. 12, 8 1/4 inches with 12 holes. Price: No. 11, 15c, by mail 25c. No. 12, 25c, by mail, 35c.



Star Chick Fountain



No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar. Convenient, cheap and sanitary. Price of holder without jar. No. 32: Each, 10c. By parcel post: each, 20c; 2 for 30c.

Bottom Fill Fountains



The round taper shape prevents damage from freezing. Made in two pieces accurately formed. Easily filled and cleaned.

No. Capacity

19 1 qt., each, 30c; by mail, 40c
20 2 qt., each, 40c; by mail, 50c
24 1 gal., ea., 60c; by mail, 75c

Glass Nest Eggs

Made of first-class flint glass, the same size and color of a hen's egg. They do not break easily. Will last a lifetime. Keep one egg in every nest. Price, 6 for 25c, 12 for 40c, postpaid.

Poultry Punch



No. 38—A popular and practical punch. Makes a clean perforation and does not bruise the foot. Each, postpaid..\$0.25

Celluloid Colored Leg Bands

Best quality. Made of Celuloid in Six sizes and Ten colors—White, Black, Dark Blue, Light Blue, Red, Pink, Garnet, Green, Yellow, Purple.

(Sizes)	12 Bands .. \$0.15
Asiatic	25 Bands .. .25
American	50 Bands .. .40
Mediterranean	100 Bands .. .75
Bantam	500 Bands .. 3.50
	1000 Bands .. 6.50
	12 Bands .. \$0.10
Pigeon	25 Bands .. .20
Baby Chick	50 Bands .. .35
	100 Bands .. .50
	500 Bands .. 2.00
	1000 Bands .. 3.50

AMERICAN

Aluminum Leg Bands



No. 130—Aluminum, with extra large raised numbers. Easy to read, adjustable for any size fowl. Quickly applied.

Price—12 for 15c; 25 for 25c; 50 for 45c; 100 for 75c; 500 for \$3.50; 1,000 for \$6.00, postpaid.

No. 5783

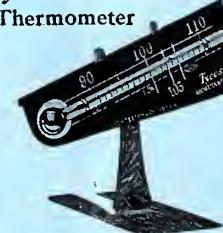
Tyco's Incubator Thermometers

The best incubator manufactured is worthless unless the thermometer used therein is accurate.

No. 5776.....\$1.00

Certified Thermometer

No. 5783, postpaid \$1.25



Incubator Hygrometers

Millions of chicks die in the shell every year for the want of proper moisture conditions. Incubator Hygrometers do not regulate the moisture, but is an indicator, showing exactly what conditions are, so that if not correct, they may be made so.

No. 5796, postpaid, \$1.75

When used with Stand



When used without Stand

INTERNATIONAL SANITARY CHICK HOVER

THE ONE PERFECT BROODING DEVICE

No one realizes better than we do that the entire success or failure of poultrymen depends upon their brooding system. They must be able to raise as large a number of chicks hatched or bought as possible and therein lies the whole secret of the poultry industry and its successes.

We have seen poultrymen start out with practically nothing and grow into mammoth industries; we have seen others start with everything and fail. And to one thing can be traced this success or failure—the brooder that had to raise the chicks to large, healthy birds if the business was to succeed.

Large, unwieldy broods are never given the care they should be given. Sanitation demands smaller individual broods if you wish to succeed. The unit of 100 chicks have been proven to be the most satisfactory. This point should be given some thought and consideration.

The Sanitary Hover is endorsed by leading poultrymen such as Mr. Delano, owner of the Owen Farms, where over 10,000 chicks are raised a year. Chas. Key Culom, Secretary of the St. Louis Poultry Association, and Editor of the National Poultry and Pet Stock Journal; Geo. C. Ziebold, owner of Whistlecote Farms and breeder of Famous White Rocks.

Circular in shape; is made of metal throughout, and fireproof. The Hover sets on floor just as a mother hen does. The lamp can be lifted out through the top and the operator does not need to kneel in the dust. There is no possibility of gases and fumes from the lamp getting into the air breathed by the chicks. The thermometer can be lifted out, looked at and dropped back without moving the Hover. (See illustration.) Price, International Hover, No. 1, 100-chick size, \$10.00.

CONKEY'S POULTRY FEEDS
AND REMEDIES

Prices Subject to Change

Conkey's Buttermilk Starting Feed. 2½ lbs. 25c; 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.65; 50 lbs. \$3.00; 100 lbs. \$5.50, postage, express or freight extra.
 Conkey's Buttermilk Growing Mash. 5 lbs. 30c; 10 lbs. 60c; 25 lbs. \$1.25; 50 lbs. \$2.50; 100 lbs. \$4.50, postage, express or freight extra.
 Conkey's Buttermilk Laying Mash. 5 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.15; 50 lbs. \$2.10; 100 lbs. \$4.00, postage, express or freight extra.
 Conkey's Chick Grains. 4 lbs. 25c; 8 lbs. 50c; 25 lbs. \$1.15; 50 lbs. \$2.15; 100 lbs. \$4.15, postage, express or freight extra.
 Conkey's Growing Grains. 5 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.15; 50 lbs. \$2.00; 100 lbs. \$3.90, postage, express or freight extra.
 Conkey's Scratch Grains. 5 lbs. 25c; 10 lbs. 50c; 25 lbs. 90c; 50 lbs. \$1.65; 100 lbs. \$3.15, postage, express or freight extra.
 Conkey's Poultry Remedies. See Page 62.

PRATT'S REMEDIES FOR
POULTRY

Pratt's Poultry Regulator. Small 25c, by mail 30c.
 Pratt's Poultry Regulator. Medium 50c, by mail 60c.
 Pratt's Poultry Regulator. 12 lb. Size \$1.40, by mail \$1.60.
 Pratt's Poultry Regulator. 25 lb. Size \$3.00 by express.
 Pratt's Lice Killer. Small Size 25c, by mail 30c.
 Pratt's Lice Killer. Medium Size 50c, by mail 60c.
 Pratt's Lice Salve. Tubes 25c, by mail 30c.
 Pratt's Scaly Leg Ointment. 30c, by mail 35c.
 Pratt's Sore Head or Chicken Pox Remedy. 30c, by mail 35c.
 Pratt's Head Lice Ointment. 30c, by mail 35c.
 Pratt's Poultry Worm Remedy. 50c, by mail 60c.
 Pratt's Roup Remedy. 25c, by mail 30c.
 Pratt's Roup Remedy. Medium Size 50c, by mail 60c.
 Pratt's Roup Pills. 25c, by mail 30c.
 Pratt's White Diarrhea Tablets. Small Size 25c, by mail 30c.
 Pratt's White Diarrhea Tablets. Medium Size 50c, by mail 60c.
 Pratt's Animal Regulator. 50c, by mail 60c.

BURRELL-DUGGER
POULTRY REMEDIES

Avicol, for White Diarrhea. 50c, postpaid.
 Avicol, for White Diarrhea. Large Size \$1.00 postpaid.
 Don Sung, Makes Hens Lay. 50c postpaid.
 Don Sung, Makes Hens Lay. Large Size \$1.00 postpaid.
 Roup-Over, for Roup, Canker and Colds. 50c postpaid.
 Roup-Over, for Roup, Canker and Colds. Large Size \$1.00 postpaid.
 T. S. F. (Talcimized Sodium Fluoride) 40c, postpaid.
 T. S. F. (Talcimized Sodium Fluoride), Medium Size 70c postpaid.

GRIT AND OYSTER SHELLS
FOR POULTRY

Fine Grit for Chickens. 6 lbs. 25c, by mail 40c; 12 lbs. 45c, 25 lbs. 85c, 100 lbs. \$2.00, shipment by express or freight.
 Coarse Grit for Hens. 6 lbs. 25c, by mail 40c; 12 lbs. 45c, 25 lbs. 85c, 100 lbs. \$2.00, shipment by express or freight.
 Oyster Shells, Fine or Coarse. 5 lbs. 15c, 10 lbs. 25c, 25 lbs. 50c, 100 lbs. \$1.25, shipment by express or freight.

CHARCOAL

Fine or Coarse for Chickens. 2 lb. boxes 25c, by mail 35c.

WALKER REMEDIES FOR
POULTRY

Walko Tablets, for White Diarrhea, Roup and Cholera in Poultry and Turkeys. 50c postpaid, large size, \$1.00 postpaid.

ZENOLEM DIP AND
DISINFECTANT

8 oz. can, 40c; 1 qt., 75c; ½ gallon, \$1.25; 1 gallon, \$2.00; 8-gallon can, \$8.00, shipment by express or freight. Cannot be mailed.

CARBOLA

Paints and Disinfects. 5 lb. box, 75c; 10 lbs., \$1.25, postage, express or freight extra.

BEE DEE STOCK REMEDIES
FOR ANIMALS

Bee Dee Stock Tonic, small size 25c, by mail 30c.
 Bee Dee Stock Tonic, medium size 50c, by mail 60c.
 Bee Dee Stock Tonic, large size \$1.00, by mail \$1.20.

BLATCHFORD'S CALF MEAL

25 lb. bag, \$1.75.
 100 lb. bag, \$6.00.
 Shipment by express or freight.

LICENE COMPANY
REMEDIES FOR POULTRY

Pipene, 60c postpaid.
 Coldene, 60c postpaid.
 Liverene, 60c postpaid.
 Rumatene, 60c postpaid.
 Tonene, 60c postpaid.
 Licene, 60c postpaid.
 Diarrene, 60c postpaid.

BURNETT'S UNEXCELLED
BIRD FOOD

In bottles, 25c each, by mail 30c.
 Burnett's Bird Tonic 25c, by mail 35c.

FRENCH'S BIRD SEED

In boxes 20c, by mail 25c.
 French's Bird Biscuit 15c, by mail 20c.

SPRATT'S DOG AND BIRD
FOODS

Spratt's Dog Cakes, small box 25c, by mail 30c.
 Spratt's Dog Cakes, medium box 45c, by mail 55c.
 Spratt's Puppy Cakes, small size 25c, by mail 30c.
 Spratt's Puppy Cakes, medium size 45c, by mail 55c.
 Spratt's Ovals, medium size box 45c, by mail 55c.
 Spratt's Fibro, medium size box 45c, by mail 55c.
 Spratt's White Dog Soap, 25c postpaid.
 Spratt's Cod Liver Oil Cage Bird and Nestling Food, 20c per box, by mail 25c.
 Spratt's Canary Mixture with Egg and Fruit 25c, by mail 30c.
 Spratt's Parrot Mixture, 20c, by mail 25c.
 Spratt's Canary Color Food (red), 25c postpaid.
 Spratt's Canary Color Food (orange), 25c postpaid.
 Spratt's Song Restorer, 25c, by mail 30c.
 Spratt's Aquarium Fish Food, 10c per box, by mail 12 cents.

Van Antwerp's Day Old Chicks By
Parcel Post

It is cheaper to buy BABY CHICKS and keep your hens laying while eggs are high during the winter and early spring months. We will start shipping baby chicks about January 15th and will continue to ship until May 15th, 1929. We will make shipments on Tuesdays and Thursdays of each week. We guarantee live delivery of Healthy Pure Bred Baby Chicks at the prices quoted on this page. If you order seeds also baby chicks, you will receive two separate shipments as the chicks are of course shipped direct to you from our hatchery. Remember, No Chicks Shipped C. O. D. We pay the postage or express at the following prices:

BREEDS

	25	50	100	500	1000
Rhode Island Reds.....	\$4.50	\$8.50	\$16.00	\$70.00	\$135.00
Barred Rocks	4.50	8.50	16.00	70.00	135.00
White Rocks	4.50	8.50	16.00	70.00	135.00
White Wyandottes	4.75	9.00	17.00	75.00	145.00
Buff Orpingtons	4.75	9.00	17.00	75.00	145.00
S. C. White Leghorns	4.25	8.00	15.00	65.00	125.00
S. C. Brown Leghorns	4.25	8.00	15.00	65.00	125.00
Mixed Heavy Breeds.....	3.75	7.00	13.00	60.00	115.00

MILLER'S DOG FOODS

Miller's A1 Dog Ration, 5 lb. box 60c, by mail 70c; 25 lb. bag, \$2.00; 50 lb. bag, \$3.50; 100 lb. bag, \$7.00, not prepaid.

Miller's A1 Dog Biscuits, 2 lb. box, 35c, by mail 45c; 25 lb. bag, \$2.75; 100 lb. bag, \$8.50, not prepaid.

SERGEANT'S DOG
REMEDIES

	Postpaid
Sergeant's Arsenic & Iron Pills.....	\$0.60
Sergeant's Canker Wash.....	.60
Sergeant's Cough Medicine.....	.60
Sergeant's Condition Pills.....	.60
Sergeant's Constipation Capsules .....	.60
Sergeant's Carbolic Tar Soap.....	.25
Sergeant's Diarrhoea Remedy.....	.60
Sergeant's Distemper Medicine	1.20
Sergeant's Dog Rub .....	.60
Sergeant's Disinfectant, 4 oz.....	.25
Sergeant's Eye Wash .....	.60
Sergeant's Mange Medicine .....	.60
Sergeant's Pepsin Tablets .....	.60
Sergeant's Skip Flea Soap.....	.25
Sergeant's Skip Flea Powder.....	.25
Sergeant's Shampoo Soap .....	.25
Sergeant's Rheumatic Pills .....	.60
Sergeant's Run Fit Medicine	2.00
Sergeant's Sure Shot Worm Capsules .....	.60
Sergeant's Sure Shot Worm Liquid.....	.60
Sergeant's Tape Worm Capsules .....	.60
Sergeant's Well Mouth .....	.60

LAWN MOWERS

The Van Antwerp—An excellent mower for home lawns. This mower has 4 crucible tool steel, hardened and tempered blades. The parts are malleable and cast, accurately to insure noiseless service. The cut can be adjusted to ½ inch to 1½ inches and it will cut grass 5 inches high. Wheels eight inches in diameter with spoked rim. This is a very attractive mower with aluminum frame and cylinder; gold wheels with gold and red stripes. Prices—The Van Antwerp Mower, 14 inch cut size, \$9.50; 16 inch cut size, \$10.50; not prepaid.

Quaker City Mower—This mower is made by the Pennsylvania Lawn Mower Company. It is a ball bearing mower with 5 blades made of crucible tool steel. The bearings are the finest quality ball bearings, hardened steel cup and cones, eccentric screw adjustment. Low type wheels and self-sharpening knives. Height of cut, ½ inch to 1½ inches. This is a splendid mower and one of our best sellers. Price—14 inch cut, \$18.00; not prepaid.

WISS PRUNING SHEARS

No. 109, \$3.50; No. 309, \$2.50; No. 209, \$1.50. Wiss Orange Clippers, No. C2, with thumb notch, \$1.00; No. C1, without thumb notch, 75c, all postpaid.

PRUNING SAWS

Disston Adjustable Pruning Saws, \$2.50 each, postpaid.

Simonds Curved Pruning Saws, \$1.50 each, postpaid.

MILK BOTTLE CAPS

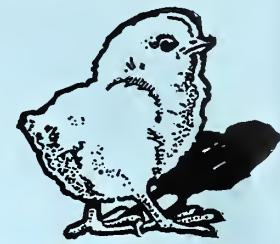
Grade A, Grade B, Plain Caps (marked Wash and Return). Prices—lb. (about 500 caps), 35c, by mail 45c; box of 5,000 caps, \$2.00; box of 50,000 caps, \$17.50, shipment by express or freight.



Conkey's

THE ORIGINAL BUTTERMILK STARTING FEED

Feed It for Eight Weeks and Raise Every Chick You Hatch



A Ready Prepared Mash for baby chicks and all self-feeding young fowls. This remarkable feed—originated by Conkey and prepared through processes controlled and used exclusively by Conkey—is a complete ration—containing all the elements needed for safely starting baby chicks, ducklings, goslings, pouls, guineas, pheasants, etc.

Guaranteed Analysis

Crude Protein, 12%; Crude Fibre, 4%; Crude Fat, 3%; Nitrogen Free Extract, 56%; Carbohydrates, 60%.

Price, 2½ lbs. 25c; 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.65; 50 lbs. \$3.00; 100 lbs. \$5.50, not prepaid.

Ingredients

Semi-solid buttermilk, pinhead oatmeal, a special wheat middlings, whole corn meal, corn feed meal and granulated bone.

Price, 2½ lbs. 25c; 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.65; 50 lbs. \$3.00; 100 lbs. \$5.50, not prepaid.



Conkey's

Buttermilk Growing Mash

Guaranteed Analysis

Crude Protein, 18%; Crude Fibre, 5%; Crude Fat, 4%; Nitrogen Free Extract, 50%; Carbohydrates, 55%.

Ingredients

Semi-solid buttermilk, wheat middlings, wheat bran, corn feed meal, ground barley, hulled oats, bone, meat scraps, bean meal and oil meal.

This mash—second link in the Conkey Chain—is fed after the chicks are eight weeks old. It is balanced for rapid and even development of muscles, bones, vital organs and feathers. Like all Conkey mashes it is low in fibre, clean and always uniform.

Price, 5 lbs. 30c; 10 lbs. 60c; 25 lbs. \$1.25; 50 lbs. \$2.50; 100 lbs. \$4.50, not prepaid.



Conkey's

Buttermilk Laying Mash

Guaranteed Analysis

Crude Protein, 20%; Crude Fibre, 6%; Crude Fat, 4%; Nitrogen Free Extract, 44%; Carbohydrates, 50%.

Ingredients

Semi-solid buttermilk, corn meal, corn feed meal, ground barley, wheat bran, wheat middlings, oil meal, bone, meat scraps and bean meal.

The third link in the Conkey Chain is balanced for a full egg basket. Low in fibre, just right in protein for layers.

Price, 5 lbs., 25c; 10 lbs., 50c. Postage extra.
25 lbs. \$1.15; 50 lbs. \$2.10; 100 lbs. \$4.00, not prepaid.

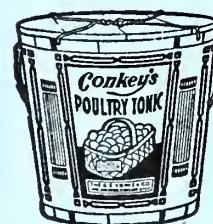
Conkey's Y-O Yeast with Cod Liver Oil

Poultry experts advise that cod liver oil and yeast be added to all poultry rations to supply needed "vitamins" to restore vitality taken out of poultry by modern "forcing" methods.

Conkey has thus solved the whole problem by blending a high quality of brewers' yeast with rich cod liver oil, by a secret process, which preserves the strength of both substances, and gives the poultryman a handy, practical, cheap method of feeding "vitamins".

Conkey's Y-O is a chocolate-brown powder, which is free running and readily mixed with dry mashes. It has the savory odor of clean, sweet, freshly-refined cod liver oil and is extremely tasty and palatable to poultry. Chicks and fowls eat it greedily.

Prices: 1 lb. box 65c; 2 lbs. \$1.15; 5 lbs. \$2.50; 25 lbs. \$11.50; 100 lbs. \$32.50, postage, express or freight extra.



Conkey's Poultry Tonic

Helps birds get more out of their feed; they produce more eggs and better flesh on LESS FEED, by better digestion and assimilation. Conkey's Tonic is all medicine—free from filler, red pepper, and "hot stuff" to overstimulate the birds and break down their health. Keeps the young chicks growing, makes molting easy, strengthens the bird for bad weather and generally maintains a high health average.

Prices—Packages, 1½ lbs., 25c; 3½ lbs., 50c; 7 lbs., \$1.00; pails, 12 lbs., \$1.60; 25 lbs., \$3.00; bags, 50 lbs., \$5.00; 100 lbs., \$9.50. Parcel post, express or freight charges extra.

Conkey's Roup Remedy

When Roup breaks out there's no time to experiment—start treatment at once—the disease is very contagious. When birds sneeze, froth in eyes, or run at nose put Conkey's Roup Remedy in the drinking water. Always at the first sign of "roupy weather," place Conkey's Roup Remedy in fountains—it's a great preventive.

Prices—Packages, 25c, 50c, \$1.00; or 30c, 55c, \$1.20 postpaid; 1½ lb. can, \$2.50 postpaid; breeder size (5 lb. can), \$5.75 postpaid.

Conkey's Roup Pills

For treating individual cases and for use at shows when birds develop colds.

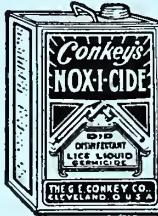
Prices—Packages, 25c, 50c, \$1.00; or 30c, 55c, \$1.20 postpaid; breeder size (1,000 pills), \$3.00; or \$3.10 postpaid.



Conkey's White Diarrhea Remedy

Once you have used this old reliable preparation you will never be without it. As a preventive of bowel troubles, White Diarrhea and other digestive complaints, it has given great satisfaction for many years. Once started diarrhetic conditions often sweep away the whole batch—hundreds of chicks. Play safe—keep this remedy in the drinking water until the danger period is past. This remedy is also recommended as a preventive measure and for treatment of coccidiosis.

Prices—25c, 50c, \$1.00; or 30c, 55c, \$1.20 postpaid; breeder size (1,200 tablets), \$4.00 postpaid.



Conkey's Nox-i-cide

For Poultrymen, Conkey's Nox-i-cide has a large variety of uses. For spraying during the "weekly cleanup," as a preventive of disease and a help in keeping down red mites, ticks, blue bugs, etc., Conkey's Nox-i-cide is practically unexcelled.

Also used as a general household disinfectant.

Prices—Pint 50c; quart 80c; ½ gallon \$1.30; gallon \$2.00; 5 gallons \$9.25; 10 gallons \$17.75. Parcel post, express or freight charges extra.

Conkey's Canker and Bronchitis Remedy

Prices—Pkg. 50c; or 55c postpaid.

Conkey's Poultry Laxative

Prices—Pkgs. 25c, 50c; or 30c, 55c postpaid; breeder size (5 lbs.), \$2.75; or \$2.90 postpaid.

Conkey's Poultry Conditioner

Prices—Pkgs. 25c, 50c; or 30c, 55c postpaid.

Conkey's Limberneck Remedy

Prices—Pkg. 50c; or 55c postpaid.

Conkey's Scaly Leg Remedy

Prices—Pkg. 25c; or 30c postpaid.

Conkey's Poultry Worm Remedy

Prices—Pkgs. 25c, 50c; or 30c, 55c postpaid; breeder size (5 lbs.), \$2.75; or \$2.85 postpaid.

Conkey's Blackhead Remedy

Prices—Pkg. 50c; or 55c postpaid.

Conkey's Cholera Remedy

Prices—Pkgs. 25c, 50c, \$1.00; or 30c, 55c, \$1.10 postpaid; breeder size (5 lbs.), \$2.50; or \$2.65 postpaid.

Conkey's Lice Powder

(Contains Sodium Fluoride)

Prices—Pkgs. 35c, 75c; pails 12 lbs., \$2.60; 25 lbs. \$5.00. Parcel post, express or freight extra.

Conkey's Mite Liquid

Prices—Cans, qt. 60c; 2 qt., 90c; gal., \$1.50; 5 gal., \$7.00. Parcel post, express or freight extra.

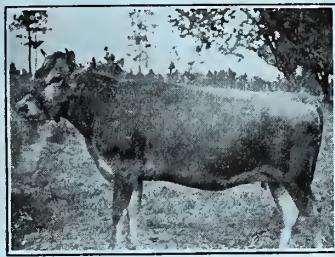
Conkey's Head Lice Ointment

Prices—Pkg. 25c; or 30c postpaid.

Conkey's Lice Fix

Prices—Pkgs. 25c, 50c; or 30c, 55c postpaid.





ST. MAWES IDILIO
A.J.C.C. 740294

Starting test as a yearling one year and eleven months of age she has produced in 263 days over 390 lbs. of fat.



ST. MAWES POGIOLA
A.J.C.C. 699376

Starting test as a yearling she has produced over 388 lbs. of fat in 305 days.



ST. MAWES LAD SUNBEAM
A.J.C.C. 231839

Coming from a herd that had the distinction of being the highest producing herd in the world.



MAID'S LA SENTE PRINCE
A.J.C.C. 220329

A grandson of Raleigh's Fairy Boy. None of his heifers have come into milk on our farm. This bull combines type and in his pedigree production.

VanAntwerp's
THE BEST ONLY

Vadco
Farm
THE BEST ONLY

A BREEDING AND TESTING ESTABLISHMENT

The Vadco Farm herd comprised of 150 head of Registered Jersey Cattle all of the mature animals being on test with either the American Jersey Cattle Club or with the Testing Association.

We have now twenty animals on test with the American Jersey Cattle Club, we are continually adding new animals to the Jersey Cattle Club test as some of the older ones complete their test.

ST. MAWES LAD SUNBEAM A.J.C.C. 231839

Senior herd bull at our farm is not quite five years old, two of his first daughters have just completed their first lactation period and have made on official test in ten months over 380 pounds of fat which means that both of his first daughters in milk have produced over 450 pounds of 85% butter in 305 days, another one of his daughters has more than a month to go before she completes her test, she has already produced over 390 pounds of fat and in the next 42 days she will produce well over the 410 pounds of fat necessary to make her a Silver Medal cow and she started this test at one year and eleven months of age. We have another two year old by this same bull on official test and she has not yet given less than 50 pounds of fat for any full month she has been on test; she is now going into her fifth month on test.

POGIS 99TH OF HOOD FARM 57TH A.J.C.C. 170476

Former senior herd sire on our farm. We have two Silver Medal daughters by this bull and in a recent issue of the Jersey Bulletin was published an article which figured the mature equivalent of all his daughters that have been on test to 642 pounds of fat.

SOPHIE 19th SON 19th A.J.C.C. 196892

Former junior herd sire on our farm. The first daughters of this bull that we have put on test have just begun to complete their records, one daughter, Soson June Star has just completed her record stated as a senior two-year-old and has made 479 pounds of fat in ten months or over 560 pounds of 85% butter. We have two other daughters that have just completed official test, one making nearly 530 pounds of fat and another almost 450 pounds of fat.

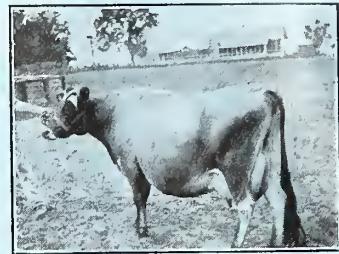
We have three other bulls in service on our farm but none of their daughters have yet come into milk.

IF YOU ARE LOOKING FOR PRODUCTION, WE HAVE IT. BUY A VADCO FARM BULL AND A FEW VADCO FARM HEIFERS AND START A GOOD HERD.

We have both type and production



View of the Milking Barn at Vadco Farm, showing 250 ton silo connected with barn.



EMINET'S KITTY A.J.C.C.
298199

The kind of a cow to build to. Strong, rugged constitution. Good looker and a good producer.



POGIS 99TH OF HOOD FARM 57TH
A.J.C.C. 170476

His dam's Register of Merit. Record as a 4 year old 14,485.7 lbs. Milk 928.3 lbs. Butter.



NOBLE'S MAID'S PRINCE RALEIGH

A.J.C.C. 257468

One of the typest sires we have ever owned.



SOPHIE 19TH'S SON 19TH
A.J.C.C. 196892

His dam has five consecutive Register of Merit Records aggregating 76,263 lbs. Milk 4,454.5 lbs. Butter.

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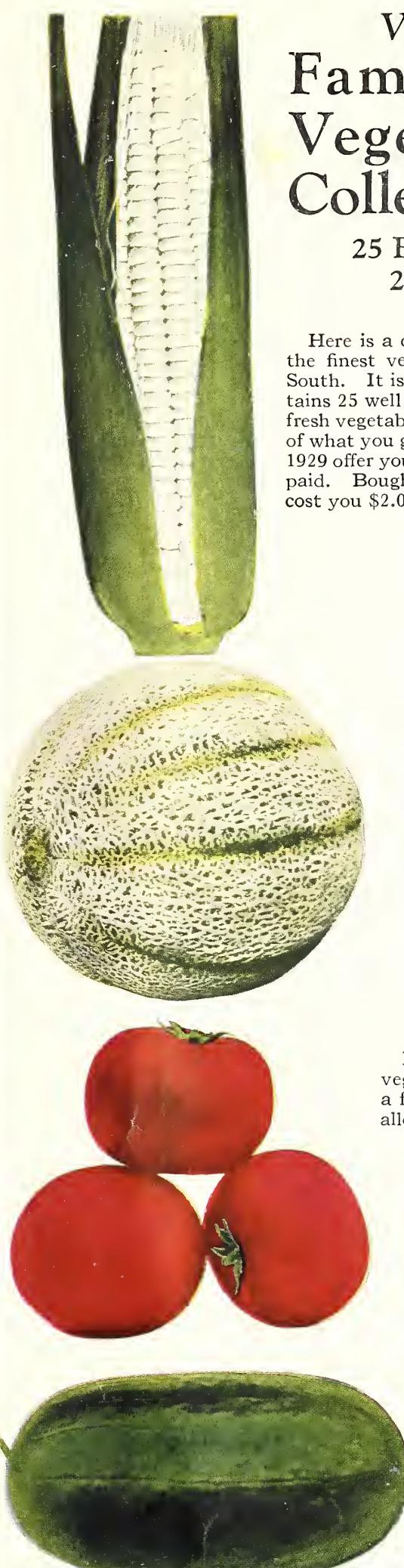
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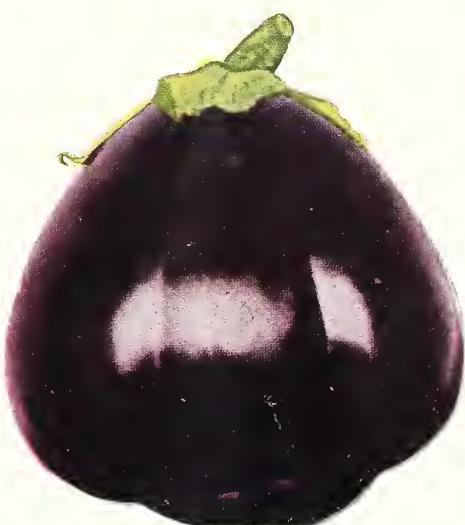
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